

**BEFORE THE BOARD OF COUNTY COMMISSIONERS
OF LEWIS COUNTY, WASHINGTON**

IN THE MATTER OF:

Adoption of the 2016-2021 Six-Year
Transportation Improvement Program (TIP) and
2016 Annual Construction Program (ACP)

}

RESOLUTION NO. 15-381

WHEREAS, RCW 36.81.121 requires the legislative authority of each county prepare and adopt a Transportation Improvement Program (TIP) that includes proposed road and bridge construction work for the ensuing six calendar years; and

WHEREAS, WAC 136-16 requires the legislative authority of each county prepare and adopt an Annual Construction Program (ACP) that includes proposed road and bridge construction work for the ensuing calendar year; and

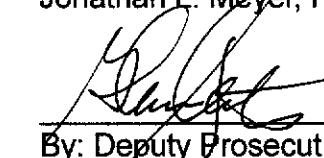
WHEREAS, the 2016-2021 Six-Year TIP and 2016 ACP were prepared at the direction of the Lewis County Board of County Commissioners (BOCC), and a public hearing was held November 16, 2015.

NOW THEREFORE BE IT RESOLVED that the BOCC hereby certifies that a priority array of potential projects on the County's arterial system and a résumé of bridge inspection findings were prepared by the County Engineer and were available to the BOCC during the preparation of this program, and that the 2016-2021 Six-Year TIP and 2016 ACP are hereby adopted.

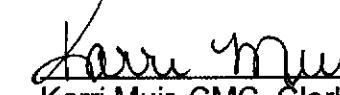
PASSED IN REGULAR SESSION this 16th day of November 2015, after a public hearing was held pursuant to notice published in the East County Journal on the 4th and 11th of November 2015.

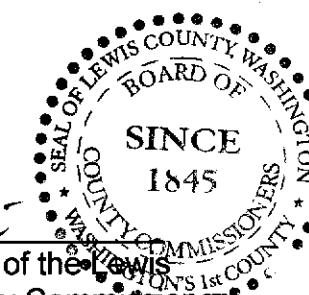
APPROVED AS TO FORM:

Jonathan L. Meyer, Prosecuting Attorney

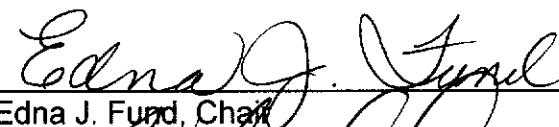

By: Deputy Prosecuting Attorney

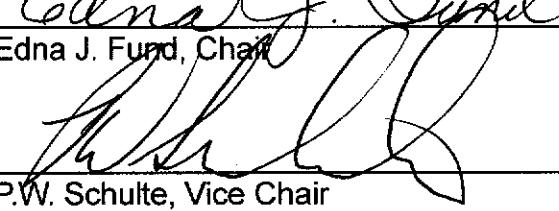
ATTEST:


Karri Muir, CMC, Clerk of the Lewis
County Board of County Commissioners



**BOARD OF COUNTY COMMISSIONERS
LEWIS COUNTY, WASHINGTON**

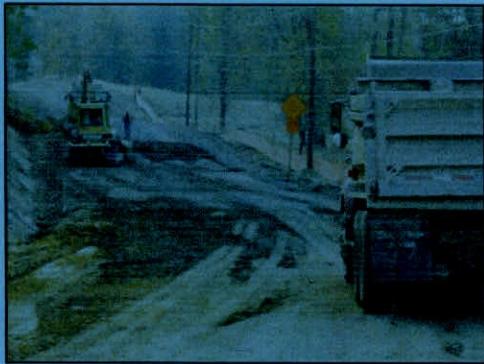

Edna J. Fund, Chair


P.W. Schulte, Vice Chair

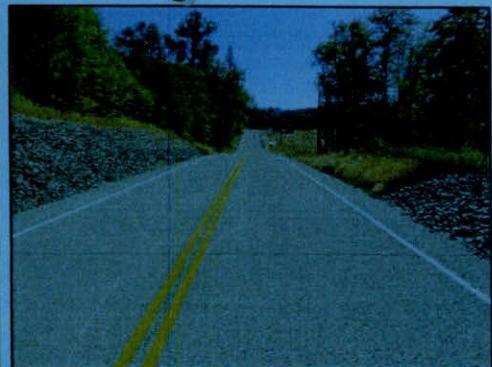
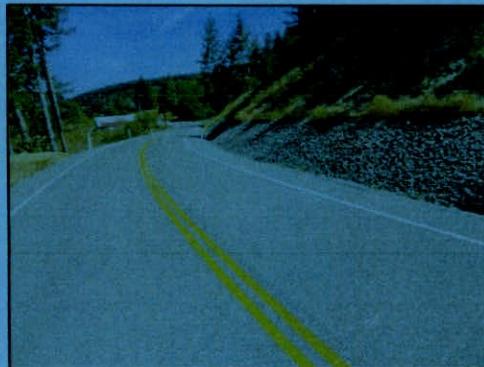

Gary Stamper, Commissioner



Lewis County Department of Public Works Engineering Division



King Road Rehabilitation Project



Six Year
Transportation
Improvement
Program
2016 - 2021

DRAFT



Approved by Resolution 15-###
on November ##, 2015

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Lewis County
Department of Public Works
Engineering Division

PLANNING PROCESS

Six Year
Transportation
Improvement
Program
2016 - 2021



Lewis County Department of Public Works

Timothy R. Elsea, PE, Director / County Engineer

Tim D. Fife, PE, Assistant County Engineer

November 4, 2015

Board of County Commissioners
351 NW North Street
Chehalis, WA 98532

RE: 2016-2021 Six Year Transportation Improvement Program

On behalf of the Department of Public Works, I am pleased to submit for your consideration for adoption our proposed 2016-2021 Six Year Transportation Improvement Program (TIP). This proposed plan includes the 2016 Annual Construction Program (ACP) as presented in the Department's proposed 2016 budget. The TIP and Annual Programs are updated annually and must be adopted by the Board of County Commissioners (BOCC) prior to adoption of the budget. As is the case each year, our plan has projects divided into funded and unfunded categories.

The priority array of funded projects was created based on criteria developed by the County Engineer. Pursuant to WAC 136-14, each project was scored based on: traffic volume, pavement rating, geometrics, accident history and safety improvements, regional and local significance, geographic equity, maintenance offset, supplemental funding, and constructability and permits. Following the scoring, several projects were removed from the funded portion of the plan, and placed on the unfunded list in order to balance the program.

Input is also received from Lewis County's Bridge Inspection Program regarding bridges that need major repairs or replacement. The Annual Bridge Report was submitted to you on October 14, 2015. Bridge projects proposed for design and construction in 2016 include bridge pier scour mitigation of the Oyler Road Bridge #201 and Pe Ell McDonald Road Bridge #63, and replacement of Lincoln Creek Bridge #31.

Our 2016 Construction Program includes countywide pavement preservation, the Annual Construction Program which totals \$11.35 million. Of that \$11.35 million, \$5.89 million will come from external State and Federal funding sources and the remaining from local funding.

Road Maintenance & Traffic

176 West Main St.
Chehalis, WA 98532
O 360.740.3380
F 360.740.2741
Erik Martin, PE, Manager

Administration, Engineering, Utilities & Real Estate Services

2025 NE Kresky Ave.
Chehalis, WA 98532
O 360.740.1123
F 360.740.1479

Solid Waste Services

Post Office Box 180
Centralia, WA 98531
O 360.740.1451
F 360.330.7805
Steve Skinner, Manager

In 2016, we anticipate designing (Des) and constructing (Constr) the following projects:

2016 Lewis County Construction Projects (funded projects exceeding \$200,000)

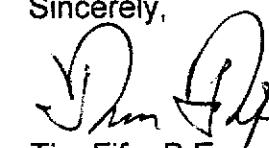
- Annual Countywide Projects (Constr)
- Federal Forest Road Improvements (Des and Constr)
- Highway 603 Stabilization (Des and Constr)
- Lincoln Creek Bridge No. 31 (Des and Constr)
- County Safety Program - Phase II (Des and Constr)
- North County Industrial Access (Des)
- Roundtree Rd Slide Repair (Des and Constr)
- Oyler Bridge Scour (Des and Constr)
- Pe Ell McDonald Bridge Scour (Des and Constr)

The unfunded portion of the program was expanded to include all projects designated in need of rehabilitation through the Pavement Management Program and all collector routes in need of widening to meet the current road standards. It includes several major construction projects and dozens of annual small countywide projects with an estimated cost of \$45.11 million. Projects from the unfunded list will be scoped, scored, and evaluated for future placement on the funded program.

The public outreach effort for involvement in the development of the TIP included presentations to the Transportation Strategy Council, the Lewis County Planning Commission, and the City/Town Mayors at the upcoming November 6th Mayors Meeting with the BOCC. All of the meetings included a PowerPoint presentation, descriptions of the proposed projects, a description of selection criteria and process, and comment sheets for use by the public.

If you have any questions about the TIP scheduled for November 16, 2015, please contact me at (360) 740-2711 or by email (Tim.Fife@lewiscountywa.gov).

Sincerely,



Tim Fife, P.E.
Assistant County Engineer

cc: Steve Walton, Budget Administrator
Lee Napier, Community Development Director
Tim Elsea, Public Works Director / County Engineer
Erik Martin, Maintenance & Traffic Engineer
Matt Hyatt, GIS Manager

Lewis County
Department of Public Works
Engineering Division

REVENUES
Projected 2016 - 2021
Recap 2010 - 2015

**Six Year
Transportation
Improvement
Program
2016 - 2021**

REVENUES

Six Year Transportation Improvement Program

Property Tax Revenues

The authority to levy property tax is codified in RCW 84.52.043. The road fund levy is specifically expanded upon in RCW 36.82.040. Property Tax for the road fund cannot exceed \$2.25 per \$1,000 assessed valuation. Lewis County currently assesses \$2.25 per \$1,000. For the purposes of budgeting for 2015, the Fiscal Division will make an assumption of 1% growth over the previous year's revenues.

Federal Forest Yield

Lewis County is one of 27 counties in Washington State with national forest land. Under USC Title 16, Section 500, and the County is eligible to receive funds distributed based on the value of the logged timber in each of the several national forests within the state. The revenue year is based on the federal fiscal year (October 1 – September 30). For each national forest, the state treasurer computes each county's proportional share of the national forest land and the funds are distributed accordingly. The revenue is split 50% to schools and 50% for the benefit of public roads.

State Motor Vehicle Fuel Tax

The State gas tax is an excise tax on the sale of motor vehicle fuel. The rates, processes, exemptions, etc. are set by statute RCW 82.36. Collection and distribution are by the Department of Licensing and the State Treasurer. Distribution is governed by RCW 46.68.090. Just less than 20% is shared by the 39 counties by a rather complicated formula. The County Road Administration Board is responsible for the biannual calculations and the annual updates, which are furnished to the State Treasurer for use in making the disbursements. Ten percent is shared equally. Thirty percent is based on population. Another thirty percent is based on an estimated annual cost to maintain and repair each county's roadways. The final thirty percent is based on needs. These needs are expressed as the previously mentioned costs less a short list of revenues (road levy, federal forest yield, and others).

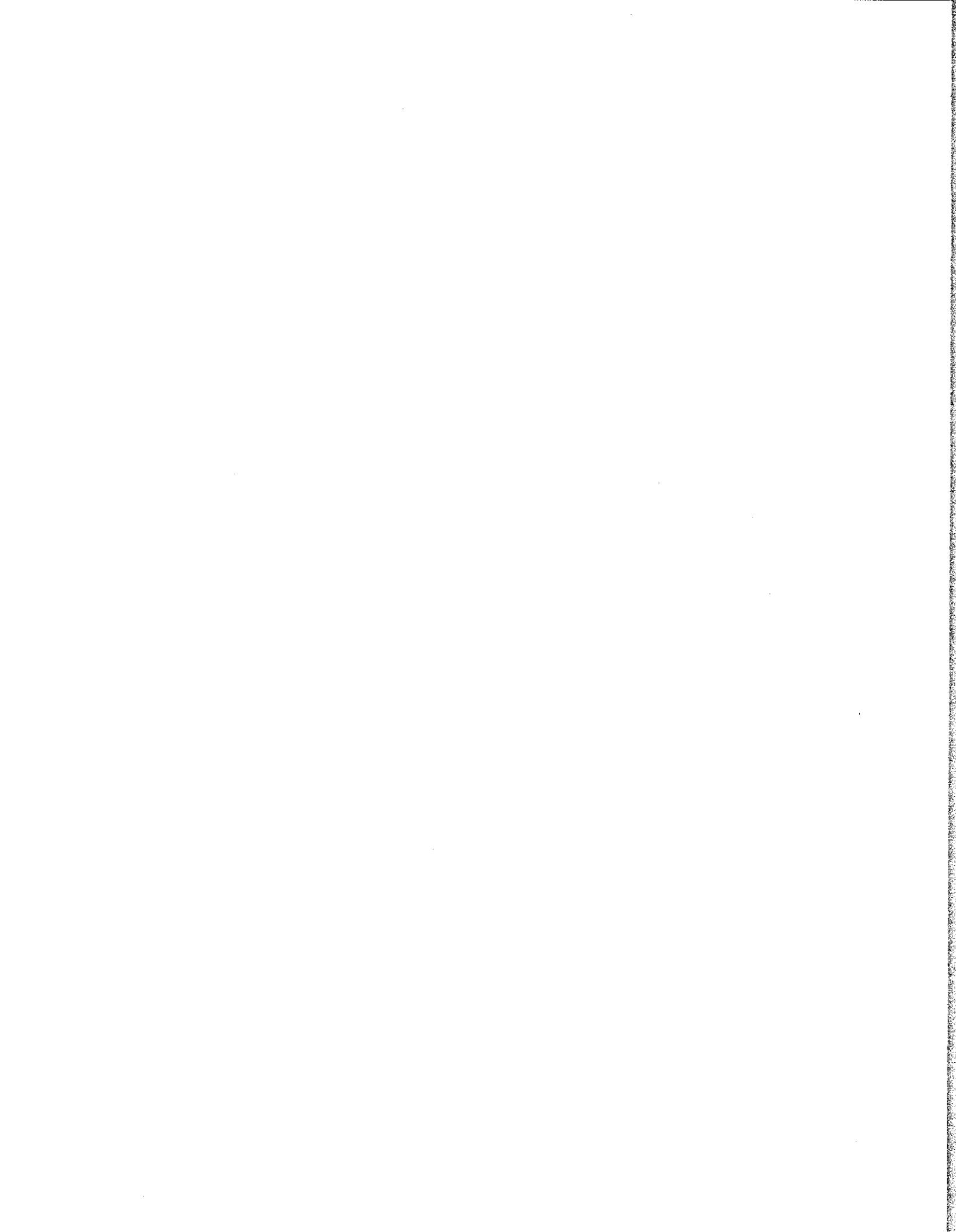
LEWIS COUNTY PUBLIC WORKS DEPARTMENT
6-YEAR RECAP OF REVENUE and EXPENDITURES
FROM 2010 THROUGH 2015

	Actual 2010	% Change 10-11	Actual 2011	% Change 11-12	Actual 2012	% Change 12-13	Actual 2013	% Change 13-14	Actual 2014	% Change 14-15	Forecast 2015	% Change 15-16
REVENUES												
Property Tax	8,298.1	3.85%	8,617.8	13.94%	9,821.0	1.45%	9,963.5	-0.94%	9,870.0	3.24%	10,190.0	0.00%
Timber tax (State + Private)	604.6	65.03%	997.8	21.84%	1,215.7	23.44%	1,506.6	7.02%	1,606.0	-19.05%	1,300.0	0.00%
Federal Forest Funds (USDA)	1,711.0	-34.85%	1,114.7	-5.08%	1,058.1	1.05%	1,069.2	-94.55%	58.3	3126.42%	1,881.0	-100.00%
Sale of Fixed Assets/Co Forest Bd Yield	1,015.6	114.27%	2,176.1	-59.69%	877.2	18.23%	1,037.1	86.63%	1,935.5	-54.43%	882.0	2.04%
State Gas Tax	3,159.3	-0.16%	3,154.2	1.43%	3,192.2	2.74%	3,286.9	-4.44%	3,141.0	0.10%	3,144.0	5.12%
Federal Hwy Grants (Includes RAP)	3,605.9	-36.66%	2,284.0	20.56%	2,753.6	10.03%	3,029.7	-12.96%	2,637.0	-47.86%	1,375.0	273.24%
CAPP (from CRAB)	337.2	0.24%	338.0	22.22%	413.1	4.74%	432.7	4.69%	453.0	1.32%	459.0	3.27%
Intergov't Services	4.3	93.02%	8.3	-46.99%	4.4	38.64%	6.1	4429.51%	276.3	-51.79%	133.2	-36.94%
Investment Income	15.6	-100.00%	0.0	N/A	0.0	N/A	10.8	-17.59%	8.9	-100.00%	0.0	N/A
FEMA-DOM	3,362.3	-71.92%	944.3	-64.17%	338.3	-52.35%	161.2	10.36%	177.9	395.22%	881.0	675.37%
Other Miscellaneous	766.2	48.70%	1,139.3	-14.74%	971.4	126.13%	2,196.6	-75.96%	528.1	-45.31%	288.8	134.42%
REVENUES Before TP=>	22,880.1	-9.20%	20,774.5	-0.59%	20,652.0	9.89%	22,694.4	-8.82%	20,692.0	-0.76%	20,534.0	40.71%
Traffic Policing	1,155.6	6.79%	1,234.0	0.88%	1,244.9	1.67%	1,265.7	0.69%	1,274.4	2.72%	1,309.0	0.00%
GRAND TOTAL REVENUE	24,035.7	-8.43%	22,008.5	-0.51%	21,896.9	9.42%	23,960.1	-8.32%	21,946.4	-0.56%	21,843.0	38.27%

	Actual 2010	% Change 2010-11	Actual 2011	% Change 2011-12	Actual 2012	% Change 2012-13	Actual 2013	% Change 2013-14	Actual 2014	% Change 2014-15	Forecast 2015	% Change 2015-16
EXPENDITURES												
Construction	9,753.1	-57.78%	4,117.6	37.97%	5,681.1	3.96%	5,906.0	75.23%	10,349.0	-18.37%	8,448.0	18.63%
Maintenance	10,701.4	-2.12%	10,474.5	5.17%	11,015.6	6.14%	11,691.5	-1.30%	11,539.6	1.98%	11,768.0	5.67%
Administration	1,104.2	-13.24%	958.0	5.82%	1,013.8	-6.88%	944.0	5.64%	997.2	36.18%	1,358.0	-17.38%
Undistributed Engineering	2,195.1	23.14%	2,703.0	-17.92%	2,218.5	3.19%	2,289.2	-2.87%	2,223.5	20.94%	2,689.0	-3.90%
Preservation	0.6	-100.00%	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A
Maint. & Const of Facilities/ UST	47.8	-41.00%	28.2	8.87%	30.7	-6.51%	28.7	-2.44%	28.0	117.86%	61.0	-4.92%
Debt Service	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A
Other	833.8	-5.35%	789.2	6.49%	840.4	134.29%	1,969.0	-39.42%	1,192.9	-28.83%	849.0	18.26%
EXPENDITURES Before TP=>	24,636.0	-22.59%	19,070.5	9.07%	20,800.1	9.75%	22,828.4	15.34%	26,330.2	-4.39%	25,173.0	8.15%
Traffic Policing	1,155.6	6.79%	1,234.0	0.88%	1,244.9	1.67%	1,265.7	0.69%	1,274.4	2.72%	1,309.0	0.00%
GRAND TOTAL EXPEND	25,791.6	-21.27%	20,304.5	8.57%	22,045.0	9.30%	24,094.1	14.57%	27,604.6	-4.07%	26,482.0	7.75%
NET DIFFERENCE =>	(1,155.9)		1,704.0		{148.1}		(134.0)		(5,638.2)		(4,639.0)	
ENDING FUND BALANCE =>	10,123.7		11,827.8		11,679.7		11,545.7		5,907.5		1,268.5	

**LEWIS COUNTY PUBLIC WORKS DEPARTMENT
A VARYING PROJECTION OF REVENUES AND EXPENDITURES**

EXPENDITURES												
	12	13	14	15	16	17	18	19	20	21	22	23
Construction	10,022.0	-45.26%	5,486.0	96.45%	10,777.0	-27.93%	7,767.0	82.93%	14,208.0	5.87%	15,042.0	63,302.0
Maintenance	12,435.0	1.00%	12,559.4	1.00%	12,684.9	1.00%	12,811.8	1.00%	12,939.9	1.00%	13,069.3	76,500.3
Administration	1,122.0	1.00%	1,133.2	1.00%	1,144.6	1.00%	1,156.0	1.00%	1,167.6	1.00%	1,179.2	6,902.6
Undistributed Engineering	2,584.0	1.00%	2,609.8	1.00%	2,635.9	1.00%	2,662.3	1.00%	2,688.9	1.00%	2,715.8	15,896.8
Preservation	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	0.0
Maint. & Const of Facilities/ UST	58.0	-13.75%	50.0	0.00%	50.0	0.00%	50.0	0.00%	50.0	0.00%	50.0	308.0
Debt Service	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	N/A	0.0	0.0
Other	1,004.0	1.00%	1,014.0	1.00%	1,024.2	1.00%	1,034.4	1.00%	1,044.8	1.00%	1,055.2	6,176.6
	27,225.0	-16.06%	22,852.5	23.91 %	28,316.6	-10.01%	25,481.5	26.97%	32,099.2	3.15%	33,111.6	169,086.3
	1,309.0	0.00%	1,309.0	0.00%	1,309.0	0.00%	1,309.0	0.00%	1,309.0	0.00%	1,309.0	7,854.0
EXPENDITURES Before TP=>	28,534.0	-15.32%	24,161.5	22.62%	29,625.6	-9.57%	26,790.5	24.70%	33,408.2	3.03%	34,420.6	176,940.3
GRAND TOTAL EXPEND												
NET DIFFERENCE =>	1,668.0	(2,633.6)		(2,027.8)		(1,724.9)		(1,156.5)		(1,536.4)		{1,372.3}
ENDING FUND BALANCE =>	2,936.5			302.9				(2,881.4)		(4,417.8)		(5,790.1)



Lewis County
Department of Public Works
Engineering Division

EXTERNAL FUNDING SOURCES

**Six Year
Transportation
Improvement
Program
2016 - 2021**

EXTERNAL FUNDING SOURCES

Six Year Transportation Improvement Program

STATE OF WASHINGTON PROGRAMS

County Arterial Preservation Program (CAPP) - Funds are limited to the direct and attributable indirect costs associated with paved surface preservation and rehabilitation activities on existing arterial roadways. Funds are distributed by direct allocation by the County Road Administration Board (CRAB) based on percentage of paved arterial lane miles in the county compared with the total in the state. The 2016 allocation is \$473,914.

Rural Arterial Program (RAP) - 90% Federal, 10% Local Funds are limited to the direct and attributable indirect costs associated with arterial and collector road improvement projects. Funds are allocated by a rating system within the Southwest Region on submitted projects for approval. Each county in the Southwest Region may submit projects requesting funds not to exceed 30% of the region's biennial apportionment. These funds may pay up to ninety percent of eligible costs.

Transportation Improvement Board (TIB)

The Transportation Improvement Board (TIB) is an independent state agency that distributes and manages street construction and maintenance grants to 320 cities and urban counties throughout Washington State. The funding for TIB's grant programs come from revenue generated by three cents of the statewide gas tax. The primary purpose of the TIB is to administer state funding for local government transportation projects. Projects are funded utilizing TIB revenues in combination with local matching funds and private sector contributions. The authorizing legislation for TIB is contained in RCW 47.26.121. The administrative rules are found in WAC 479. TIB administers the following grant programs:

- Urban Arterial Program (UAP)
- Urban Corridor Program (UCP)
- Urban Sidewalk Program (SP)
- Small City Arterial Program (SCAP)
- Small City Preservation Program (SCPP)
- Small City Sidewalk Program (SCSP)

FEDERAL PROGRAMS

Moving Ahead for Progress in the 21st Century (MAP-21) Act:

Signed into law on July 6, 2012, MAP-21 extended current law (SAFETEA-LU) for the remainder of FY 2012 and authorizes federal investment for the highway, public transportation, and highway safety programs for fiscal years 2013-2014. It provides total guaranteed funding of \$82.0 billion for the federal aid highway program, with \$39.7 billion in FY 2013 and \$40.3 billion in FY 2014. MAP-21 expired September 30, 2014, but in order to allow more time for development and consideration of a long-term reauthorization of surface transportation programs, Congress enacts short term extensions of the expiring law, in this case, MAP-21. This federal program replaced the previous program; Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), which provided funding for fiscal years 2004-2012. The bill, which initially expired in 2009, was extended 10 times and with the passage of MAP-21 expired on September 31, 2012.

Lewis County is eligible to receive these funds through the Washington State Department of Transportation under the following grant programs:

Bridge Replacement and Rehabilitation Program – (BR) 80% Federal, 20% Local
Replace or rehabilitate roadway bridges over waterways, topographical barriers, other roadways, railroads, canals, etc., when those bridges have been determined deficient because of structural deficiencies, physical deterioration, or functional obsolescence.

National Historic Covered Bridge Preservation – 80% Federal, 20% Local
Rehabilitate, Repair, or preserve covered bridges that are listed or eligible for listing on the National Register of Historical Places.

National Scenic Byways Program – 80% Federal, 20% Local
Improve and/or enhance roads having outstanding scenic, historic, cultural, natural, recreational, and archeological qualities and provides for designation of these roads as National Scenic Byways, All-American Roads or America's Byways.

Railway-Highway Crossings – 90% Federal, 10% Local
Eliminate hazards and/or install/upgrade protective devices at crossings to reduce the number of fatalities and injuries at public highway-rail grade crossings.

Safe Routes to School Program – 100% Federal
Make walking or bicycling to school safe and more appealing; and to facilitate the planning, development, and implementation of projects that will improve safety, and reduce traffic, fuel consumption, and air pollution in the vicinity of schools.

Surface Transportation Program – (STP) 86.5% Federal, 13.5% Local
Provides flexible funding that may be used by States and local agencies for projects on any Federal-aid highway, including the National Highway System (NHS), bridge projects on any public road, transit capital projects, and intercity and intracity bus terminals and facilities.

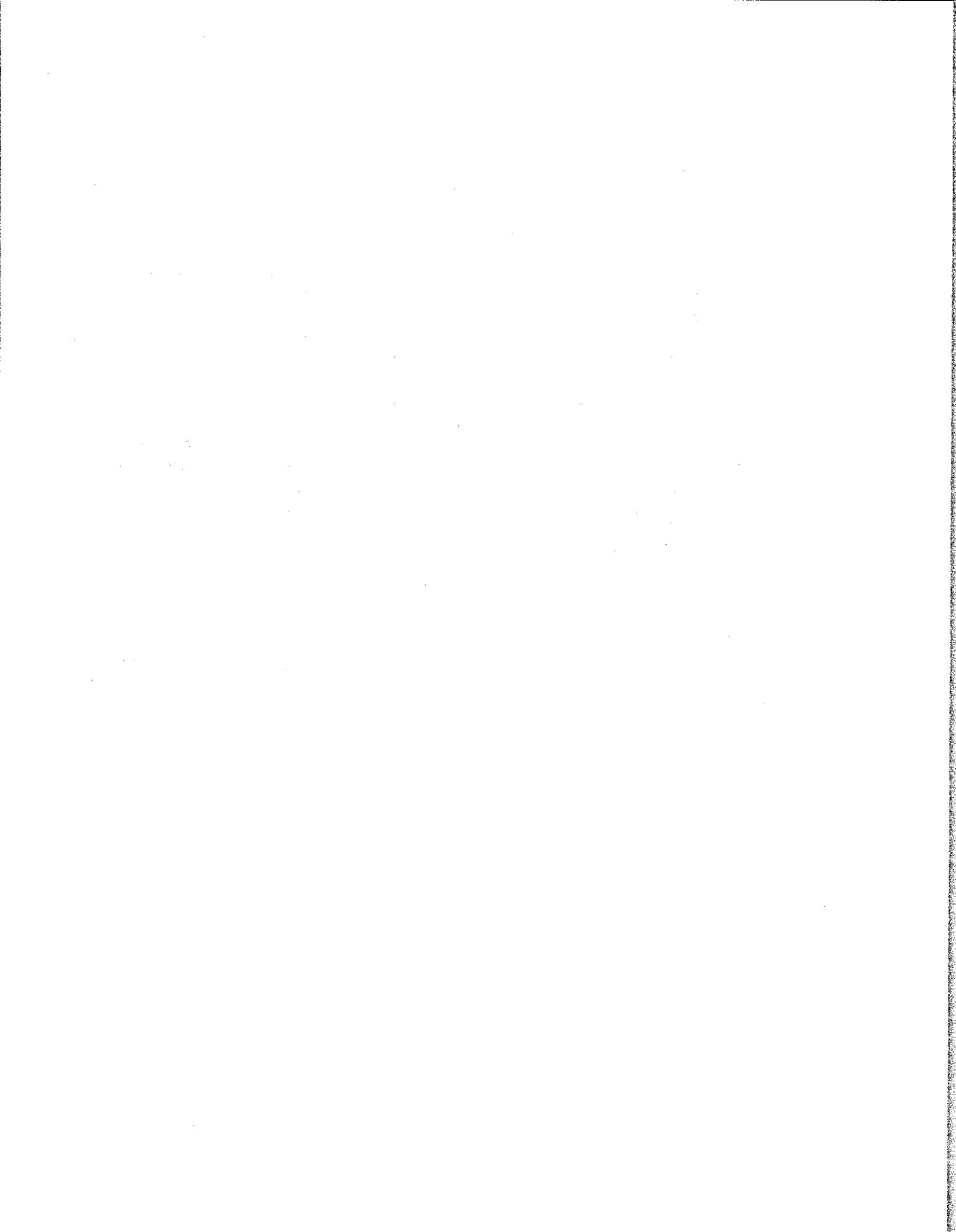
Transportation Alternatives Program – (TAP) 86.5% Federal, 13.5% Local
Projects that projects to provide safe routes for non-drivers, as well as community improvement and environmental mitigation activities. Design and planning activities are eligible for partial funding, and projects will be considered for up to 80 percent of eligible program costs. Eligible project sponsors under the new program include local governments, regional transportation authorities, transit authorities, school districts, and natural resource or public land agencies.

Federal Emergency Management Agency (FEMA)

The mission of the Federal Emergency Management Agency is to provide assistance to State, Tribal and local governments so that communities can quickly respond to and recover from major disasters or emergencies declared by the President. The Federal share of assistance is not less than 75% of the eligible cost for emergency measures and permanent restoration. The grantee (usually the State) determines how the non-Federal share (up to 25%) is split with the sub-grantees (eligible applicants).

Salmon Recovery Funding Board - (SRFB)

Pursuant to the Salmon Recovery Act: Chapter 77.85 RCW, Lewis County continues to support salmon recovery by funding habitat protection and restoration projects, and produce sustainable and measurable benefits for fish and their habitat.



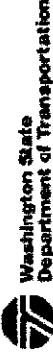
**Lewis County
Department of Public Works
Engineering Division**

FUNDED PROJECTS

**Six Year
Transportation
Improvement
Program
2016 - 2021**

Six Year Transportation Improvement Program, 2016 to 2021

Six Year Transportation Improvement Program, 2016 to 2021



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

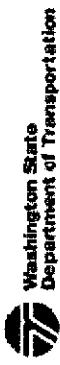
N Inside

Y Outside

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Resolution No.	J. Amendment	K. Adopted	L. Total Length	M. Utility Codes	N. Improvement Type	O. RW Required	P. Environmental Type	Q. CE	R. No
		Y	Y																	
00	1	Countywide Bridge/Road Bank Protection	Various to Countywide bank protection on various roads and bridges	WA-02926	11/16/15										14	C P S T W				

Funding Status	Phase	Phase Start Year (YY/YY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0			0	150,000
S	CN	2016		0			0	450,000
			Totals	0			0	600,000

Expenditure Schedule								
Phase	1st	2nd	3rd	4th	5th & 6th	7th & 8th	9th & 10th	11th & 12th
PE		25,000	25,000	25,000	25,000	25,000	50,000	
CN		75,000	75,000	75,000	75,000	75,000	150,000	
Totals	100,000	100,000	100,000	100,000	100,000	100,000	200,000	



Washington State
Department of Transportation

Agency: Lewis Co.

County: Lewis

MPO/RTPD: SWW RTPD

Six Year Transportation Improvement Program From 2016 to 2021

N Inside

Y Outside

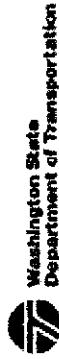
Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Terminal F. Project Description					
		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID
09	1 / 2021(052)	WA-05289	Oyler Rd MP 3.24 Bridge Scour	56000 - Oyler Rd	3.24 to N/A	Title Category: Countywide Bridge/Road Bank Protection Place riprap at the face of bridge footings to prevent further scour	11/16/15 210000201

Funding

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2017	STP(BR)	228,000			0	228,000
			Totals	228,000			0	228,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 8th
CN	228,000	0	0	0	0
Totals	228,000	0	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPD: SWW RTPD

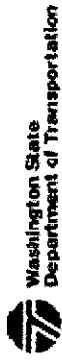
N Inside

Y Outside

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	H. Hearing	I. Total Length	J. Utility Codes	K. Improvement Type	L. Resolution No.	M. Amendment	N. Adopted	O. CE	P. Environmental Type	Q. No
		Project No.	PIN																
07	1 / A212(004)	Pe Ell McDonald Rd MP 8.68 Bridge Scour	24019-Pe Ell McDonald Rd	WA-05291	11/16/15	8.68 to N/A		Title Category: Countywide Bridge/Road Bank Protection	210000063										

Funding			Local Funds			State Funds			Total Funds		
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Fund	Local Fund	Total Fund	Total Funds	Total Funds	Total Funds
S	CN	2016	STP(BR)	217,000		0	0	0	0	0	217,000
			Totals	217,000		0	0	0	0	0	217,000

Expenditure Schedule		5th & 6th				
Phase	1st	2nd	3rd	4th	5th & 6th	
CN	217,000	0	0	0	0	
Totals	217,000	0	0	0	0	



Washington State
Department of Transportation

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

Six Year Transportation Improvement Program From 2016 to 2021

Y Outside

N Inside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Terminal F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Total Length		Utility Codes	Improvement Type	Environmental Type	RW Required
								Y	Outside				
00	2	Countywide Culvert Replacement Various to Remove and replace barrier culverts, provide stream enhancements for fish passage, and replacement of maintenance culverts.	WA-04989	11/1/6/15						C P T	44		Yes

Funding	Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2016			0	OTHER	60,000	15,000	75,000
P	RW	2018			0	OTHER	4,000	1,000	5,000
P	CN	2019			0	OTHER	264,000	66,000	330,000
				Totals	0		328,000	82,000	410,000

Expenditure Schedule	Phase	1st	2nd	3rd	4th	5th & 8th
P	PE	10,000	10,000	30,000	5,000	20,000
RW		0	0	5,000	0	0
CN		0	0	0	330,000	0
	Totals	10,000	10,000	35,000	335,000	20,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.
County: Lewis
MPO/RPO: SWW RTPO

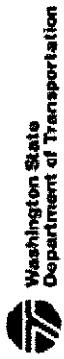
N Inside

Y Outside

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	H. Hearing	I. Total Length	J. Utility Codes	K. Improvement Type	L. Resolution No.	M. Amendment	N. Adopted	O. RW Required
		Project No.	Functional Class														
07	2	Countywide Culvert Replacement - Jackson Hwy S 95000 - Jackson Hwy S 2.11 to Title Category: Countywide Culvert Replacement Replacement of maintenance culvert and other related work.		WA-08384	11/16/15												Yes

Funding		Phase Start Year (YYYY)		Federal Fund Code		Federal Funds		State Fund Code		State Funds		Local Funds		Total Funds	
Status	Phase	2016	2020												
S	PE					0		0		0		5,000		5,000	
P	CN					0		0	CRRB	225,000		250,000		250,000	
				Totals		0		0		225,000		301,000		301,000	

Expenditure Schedule		1st		2nd		3rd		4th		5th & 6th	
Phase		PE	5,000	CN	0	0	0	0	0	0	0
		Totals	5,000		0	0	0	0	0	0	250,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

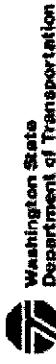
Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Resolution No.	J. Amendment	K. Adopted	L. Total Length	M. Utility Codes	N. Improvement Type	O. PTW	P. CE	Q. Yes
00	3	Countywide 3R Program	Various Roads	WA-02726	11/16/15			to Countywide preservation activities including; CTB, thin lifts of HMA, BST, pavement markers, and shoulder rock on various roads.											
								Completion of CRP-2133 Roundtree Rd Slide Repair											

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0	CRAB	175,607	84,393	260,000
S	RW	2016		0		0	15,000	15,000
S	CN	2016		0	CRAB	2,667,877	1,282,123	3,950,000
			Totals	0		2,843,484	1,381,516	4,225,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	60,000	40,000	40,000	40,000	80,000
RW	5,000	2,000	2,000	2,000	4,000
CN	1,200,000	550,000	550,000	550,000	1,100,000
Totals	1,285,000	592,000	592,000	592,000	1,184,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

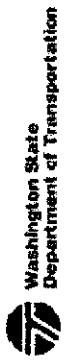
N Inside

Y Outside

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Adopted	J. Resolution No.	K. Amendment	L. Total Length	M. Utility Codes	N. Environmental Type	O. RW Required
		1st	2nd														
00	4	Countywide Misc. Safety & Guardrail						to Perform various safety projects as needed and install guardrail at necessary locations.	WA-02825	11/16/15							

Funding		Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0		0	0	95,000
S	RW	2016		0		0	0	30,000
S	CN	2016		0		0	0	750,000
Totals				0		0	875,000	875,000

Expenditure Schedule		1st	2nd	3rd	4th	5th & 6th
Phase	PE	45,000		10,000	10,000	20,000
	RW	5,000		5,000	5,000	10,000
	CN	250,000		100,000	100,000	200,000
Totals		300,000	115,000	115,000	115,000	235,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWWW RTPO

N Inside

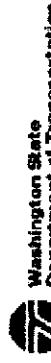
Y Outside

Functional Class	Priority Number	RW Required						
		A. PIN/Project No.	B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID
		Environmental Type		Total Length		No		
		Improvement Type		Utility Codes		05 CPT	9.530 CE	
		Resolution No.		Amendment				
		Adopted		Hearing				
		11/16/15						
08	5	Cispus Road Improvements 70700 - Cispus Rd 0.000 to 9.530 Maintenance improvements and other related work. Federal Forest Road Improvements Non-Capital Improvements	WA-07342					

Funding					
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code
P	PE	2016	Discretionary	80,000	
P	CN	2016	Discretionary	580,000	
			Totals	660,000	
				0	
				0	
				104,000	
				764,000	

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	92,000	0	0	0	0
CN	672,000	0	0	0	0
Totals	764,000		0	0	0



Washington State
Department of Transportation

Agency: Lewis Co.

County: Lewis

MPO/RPO: SWW RTPO

Six Year Transportation Improvement Program From 2016 to 2021

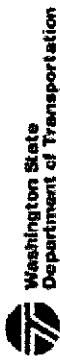
Y Outside

N Inside

Functional Class	Priority Number	A. PIN/Project No.			B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Adopted	J. Resolution No.	K. Amendment	L. Total Length	M. Utility Codes	N. Environmental Type	O. RW Required	P. T	Q. CE	R. No
		1st	2nd	3rd																	
00	5	Federal Forest Road Improvements	to	Maintenance improvements to access Federal Forest lands.	WA-02927	11/16/15															

Funding		Phase Start Year (YYYY)		Federal Fund Code		Federal Funds		State Fund Code		State Funds		Local Funds		Total Funds		
Status	Phase	2016	2016	PE	CN	0	0	0	0	0	0	0	0	30,000	30,000	
S	PE													570,000	570,000	
S	CN	2016	2016											600,000	600,000	
						Totals	0									

Expenditure Schedule		1st		2nd		3rd		4th		5th & 6th	
Phase											
PE		5,000		5,000		5,000		5,000		5,000	10,000
CN		95,000		95,000		95,000		95,000		95,000	190,000
Totals		100,000		100,000		100,000		100,000		100,000	200,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPD: SWW RTPD

N Inside

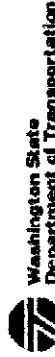
Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Amendment	J. Resolution No.	K. Utility Codes	L. Improvement Type	M. Total Length	N. CPT	O. 1.720 CE	P. Yes
		1st	2nd															
07	6	Highway 603 Stabilization 93006 - Hwy 603 11.700 to 13.420	Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.	CRP-2144	11/16/15													

Funding		Status		Phase		Phase Start Year (YYYY)		Federal Fund Code		State Fund Code		State Funds		Local Funds		Total Funds	
S	C/N			2016		STP(R)		1,000,000	CRA&B		578,000		3,517,000		5,095,000		
						Totals		1,000,000			578,000		3,517,000		5,095,000		

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
C/N	5,095,000	0	0	0	0
Totals	5,095,000	0	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPD: SWW RTPO

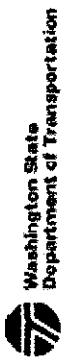
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Improvement Type	Total Length	Utility Codes	Environmental Type	RW Required	CE	No
		CN	2016																	
09	7 / 2021(053)	Lincoln Creek Bridge No. 31 Replacement	10019 - Lincoln Creek Rd		11.91 to N/A	Replacement of Bridge No. 31 and other related work.			210000031											

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	CN	2016	STP(BR)	668,000			0	172,000
			Totals	668,000			0	172,000

Expenditure Schedule Phase	1st	2nd	3rd	4th	5th & 6th
CN	660,000	0	0	0	0
Totals	660,000	0	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPC: SWW RTPC

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Improvement Type	Total Length	Utility Codes	Environmental Type	RW Required
		1st	2nd															
00	8	County Safety Program - Phase II - 2014 County Road Safety Improvements	Various	CRP-2174B	11/16/15			Upgrade signs, improve clear zone (flatten slopes, add/upgrade barriers, widen shoulders, remove/modify fixed objects, and reduce pavement edge drop-offs).						21	CPT	CE	No	

Funding	Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		HSIP	89,000		0	10,000	99,000
S	CN	2016		HSIP	1,126,000		0	0	1,126,000
				Totals	1,215,000		0	10,000	1,225,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	99,000	0	0	0	0
CN	11,126,000	0	0	0	0
Totals	11,225,000	0	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.
County: Lewis
MPO/RTP: SWW RTPO

N Inside

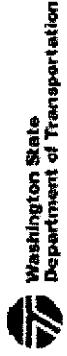
Y Outside

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Adopted	J. Amendment	K. Resolution No.	L. Utility Codes	M. Total Length	N. Environmental Type	O. RW Required	P. CE	Q. No
		Project No.	Functional Class																
00	9	North County Industrial Access		WA-07344	11/16/15														

N/A to N/A
Finalize regional design efforts for a direct industrial ingress/egress arterial two-lane, two-way truck route from Interstate 5 to North Lewis County industrial properties.

Funding			State Fund Code			State Funds			Local Funds			Total Funds		
Status	Phase	Phase Start Year (Y'YY)	Federal Fund Code	Federal Funds	0	OTHER	0	500,000	50,000	50,000	500,000	500,000	500,000	500,000
S	PE	2016			0		0	500,000	50,000	50,000	500,000	500,000	500,000	500,000

Expenditure Schedule			5th & 6th		
Phase	1st	2nd	3rd	4th	5th & 6th
PE	300,000		250,000	0	0
Totals	300,000		250,000	0	0



Washington State
Department of Transportation

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

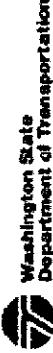
Six Year Transportation Improvement Program From 2016 to 2021

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Terminal F. Project Description	B. STIP ID		G. Structure ID	Hearing	I. Resolution No.	J. Amendment	K. Adopted	L. Total Length	M. Utility Codes	N. Environmental Type	O. RW Required
			2016	STIP(R)									
07	10	Centrals Alpha Road Improvements 94001 - Centrals Alpha Rd 10.600 to 12.300 Slope stabilization, intersection improvements, roadway widening, resurfacing with hot mix asphalt, guardrail, and other related work.											

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016	STP(R)	419,000	CRAB	14,000	87,000	500,000
S	RW	2016		0		0	100,000	100,000
S	CN	2016	STP(R)	1,215,000	CRAB	834,000	1,757,000	3,806,000
			Totals	1,634,000		848,000	1,924,000	4,406,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	500,000	0	0	0	0
RW	100,000	0	0	0	0
CN	37,000	3,769,000	0	0	0
Totals	637,000	3,769,000	0	0	0



Agency: Lewis Co.
 County: Lewis
 MPO/RTPO: SWW RTPO

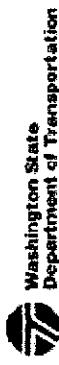
Six Year Transportation Improvement Program From 2016 to 2021

N Inside Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Adopted	J. Resolution No.	K. Amendment	L. Total Length	M. Utility Codes	N. RW Required	
		Y	Y														
09	11	Wigley Road Improvements 17912 - Wigley Road 0.720 to 1.033 Improve by grading, pisteleveling with HMA, horizontal and vertical alignments will be improved, and other related work.		CRF-2155	11/16/15												

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0		0	0	25,000
S	RW	2016		0		0	0	10,000
S	CN	2017		0		0	0	300,000
			Totals	0		0	335,000	335,000

Expenditure Schedule Phase	1st	2nd	3rd	4th	5th & 6th
PE	20,000	5,000	0	0	0
RW	10,000	0	0	0	0
CN	0	300,000	0	0	0
Totals	30,000	305,000	0	0	0



Washington State
Department of Transportation

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

Six Year Transportation Improvement Program From 2016 to 2021

Y Outside

N Inside

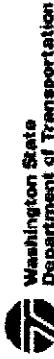
Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Terminal F. Project Description	B. STIP ID G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Utility Codes	Total Length	1.350 CE	Y es
08	12	North Fork Road Realignment 46000 - North Fork Rd 2,700 to 4,050 Improve by grading, HMA, horizontal and vertical alignments will be improved, and other related work.	CRP-2158 11/10/15								

Funding

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0	CRAB	176,000	19,000	195,000
S	RW	2016		0		0	100,000	100,000
S	CN	2018		0	CRAB	2,390,000	300,000	2,690,000
			Totals	0		2,566,000	419,000	2,985,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	90,000	15,000	0	0	0
RW	50,000	0	0	0	0
CN	0	2,694,000	0	0	0
Totals	140,000	2,709,000	0	0	0



Six Year Transportation Improvement Program From 2016 to 2021

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County: Lewis

MPO/STPO: SWW RTPO

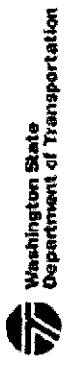
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Improvement Type	Utility Codes	Total Length	1,780 CE	Yes					
03	13	Swofford Road Rehabilitation		CRP-2137		62850 - Swofford Rd		0.000 to 1.777		Improve by grading, paveling with asphalt class A, horizontal and vertical alignments will be improved, and other related work.		11/16/15											

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0		0	20,000	20,000
S	RW	2016		0		0	5,000	5,000
S	CN	2018		0		0	750,000	750,000
		Totals		0		0	775,000	775,000

Expenditure Schedule Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	0	0	0
RW	5,000	0	0	0	0
CN	0	0	750,000	0	0
Totals	15,000	10,000	750,000	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

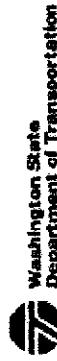
Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Improvement Type	Utility Codes	Total Length	RW Required	Environmental Type
		Y	Inside															
16	14	Rush Road Improvements	94006 - Rush Rd					2,600 to 3,164	CRP-2153	11/16/15								
		Major widening, possible curb and gutter, sidewalks, base stabilization, HMA, and other related work.																

Funding

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0		0	0	150,000
P	RW	2017		0		0	0	150,000
P	CN	2018		0		0	0	2,000,000
			Total	0		0	0	2,300,000
								2,300,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	25,000	75,000	50,000	0	0
RW	0	100,000	50,000	0	0
CN	0	0	2,000,000	0	0
Totals	25,000	175,000	2,100,000	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPORTPO: SWW RTPO

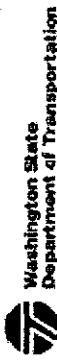
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	H. Hearing	I. Total Length	J. RW Required	K. Environmental Type	L. Improvement Type	M. Utility Codes	N. Resolution No.	O. Amendment	P. Adopted
		1st	2nd															
09	15	Boyd Road Rehabilitation 61451 - Boyd Rd 0.000 to 1.140 Vertical and horizontal improvements, base stabilization, BST, and other related work.		CRP-2151	11/16/15								Yes	CE	CPT	06		

Funding Status	Phase	Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Total Funds	Total Funds
S	PE	2016		0		0	0	80,000
P	RW	2018		0		0	0	50,000
P	CN	2018		0		0	0	350,000
			Totals	0		0	0	480,000

Expenditure Schedule Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	60,000	0	0
RW	0	0	50,000	0	0
CN	0	0	350,000	0	0
Totals	10,000	10,000	460,000	0	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

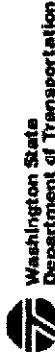
Y Outside

N Inside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Termini	F. Project Description	G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Total Length	Utility Codes	Improvement Type	1.410 CE	Yes
		Y	Outside															
09	16	Isbell Road Rehabilitation	61450 - Isbell Rd	CRP-2182	11/16/15			0.000 to 1.410										
		Vertical and horizontal improvements, base stabilization, BST, and other related work.																

Status	Phase	Phases Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0		0	50,000	50,000
P	RW	2018		0		0	35,000	35,000
P	CN	2018		0		0	350,000	350,000
				Totals	0	0	435,000	435,000

Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	10,000	30,000	0
RW	0	0	0	35,000	0
CN	0	0	0	350,000	0
Totals	10,000	10,000	10,000	415,000	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.
County: Lewis
MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	H. Resolution No.	I. Amendment	J. Adopted	K. Hearing	L. Total Length	M. Utility Codes	N. Improvement Type	O. Environmental Type	P. RW Required
		Phase	Start Year (YYYY)															
	16	17			Harrison Avenue Improvements	91000 - Harrison Ave	0.568 to 2.544	Roadway design for future development	CRP-2132	11/16/16					03 CGPST W	2.000 CE	Yes	

Status	Phase	Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2019	STP(US)	865,000		0	135,000	1,000,000
			Totals	865,000		0	135,000	1,000,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	1,000,000	0
Totals	0	0	0	1,000,000	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

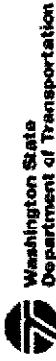
Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Termini F. Project Description	B. STIP ID C. Structure ID	Hearing G. Structure ID	Amendment	Adopted	Total Length	RW Required	
								Environmental Type	Utility Codes
17	18	Borst Avenue Safety Improvements 91023 -Borst Ave 0.000 to 0.298 Safety improvements including: a sidewalk, a parking strip, road reconstruction, and other related work.	CRP-2139	11/16/15				W	C G P S T 0.300 CE Yes

Funding

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2019	STP(US)	129,750		0	20,250	150,000
	Totals			129,750		0	20,250	150,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	150,000	0
Totals	0	0	0	150,000	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPC: SWW RTPC

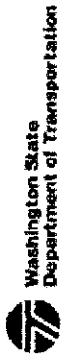
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Utility Codes	Improvement Type	Total Length	RW Required
		C.	D.														
07	19	Avery Road West Improvements	30061 - Avery Rd W	WA-02952	1/16/15	0.090 to 2.700		Base stabilization and roadway widening for anticipated industrial commercial traffic, and other related work.						03	C G P T	2.610	CE

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2018	STP(R)	184,000			0	180,000
P	RW	2018	STP(R)	21,000			0	25,000
P	CN	2019	STP(R)	433,000			0	500,000
Totals				618,000			0	87,000
Totals								

Expenditure Schedule Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	180,000	10,000	0
RW	0	0	20,000	5,000	0
CN	0	0	0	500,000	0
Totals	0	0	200,000	515,000	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

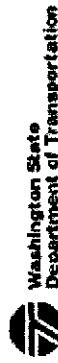
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Terminal F. Project Description	B. STIP ID C. Structure ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	RW Required	
								Environmental Type	Total Length
07	20	Tucker Road Widening 95003 - Tucker Rd 0.000 to 5.549 Road widening, base stabilization, ditches, stormwater, ACP, and other related work.	WA-02854 11/16/15					03 CPT	5.550

Funding						Local Funds		Total Funds	
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds			
P	PE	2018		0	CRA-B	257,900		28,000	285,000
P	RW	2018		0	CRA-B	257,000		28,000	285,000
P	CN	2019		0	CRA-B	2,051,000		29,000	2,280,000
Totals				0		2,565,000		205,000	2,850,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	100,000	185,000	0
RW	0	0	100,000	185,000	0
CN	0	0	0	2,280,000	0
Totals	0	0	200,000	2,650,000	0



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPQ: SWW RTPQ

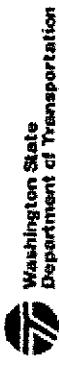
N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	H. Resolution No.	I. Amendment	J. Adopted	K. Hearing	L. Total Length	M. Utility Codes	N. Improvement Type	O. CGPS T	P. 0.700 CE	Q. Yes
		Y	Y																
00	21	Mickelsen Parkway	Mickelsen Parkway	CRP-2121	11/16/16	0.000 to 0.700	Construct new road for industrial access, and other related work.												

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
S	PE	2016		0		0	150,000	150,000
P	RW	2019		0		0	350,000	360,000
P	CN	2019		0		0	3,000,000	3,000,000
	Totals			0		0	3,500,000	3,500,000

Expenditure Schedule Phase	1st	2nd	3rd	4th	5th & 6th
PE	10,000	10,000	10,000	10,000	120,000
RW	0	0	0	0	350,000
CN	0	0	0	1,000,000	2,000,000
Totals	10,000	10,000	10,000	1,470,000	2,000,000



Washington State
Department of Transportation

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Six Year Transportation Improvement Program From 2016 to 2021

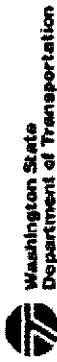
Functional Class	Priority Number	A. PIN/Project No. C. Project Title D. Road Name or Number E. Begin & End Terminal F. Project Description	B. STIP ID G. Structure ID	Hearing	Adopted	Amendment	Resolution No.	Total Length		Utility Codes	Improvement Type	C P T	0.040 CE	No
								Environmental Type	RW Required					
07	22	Avery Road West/North Military Road Intersection 30081 - Avery Rd W & 30062 - N Military Rd 0.430 to 0.470 Intersection improvements and signalization, and other related work.	WA-02955	11/16/15										

Funding

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2019		0		0	20,000	20,000
P	CN	2020		0		0	50,000	50,000
			Totals	0		0	70,000	70,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	20,000	0
CN	0	0	0	0	50,000
Totals	0	0	0	20,000	50,000



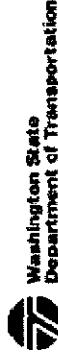
Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.
County: Lewis
MPO/RTPQ: SWW RTPQ

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID		C. Project Title		D. Road Name or Number		E. Begin & End Termini		F. Project Description		G. Structure ID		H. Resolution No.		I. Amendment		J. Adopted		K. Hearing		L. Total Length		M. Utility Codes		N. Inside		Y. Outside		RW Required		Environmental Type	
09	23	Forest Napavine Road East Improvements 40015 - Forest Napavine Rd E 0.000 to 1.565 Minor widening, base stabilization, guardrail, intersection improvements, HMA, and other related work.		WA-02956	11/16/15																														

Funding Status	Phase	Phase Start Year (YY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2018		0		0	0	326,000
P	RW	2018		0		0	0	72,000
P	CN	2020		0		0	0	3,744,000
			Totals	0		0	0	4,142,000

Expenditure Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	100,000	100,000	126,000
RW	0	0	30,000	30,000	12,000
CN	0	0	0	0	3,744,000
Totals	0	0	130,000	130,000	3,862,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

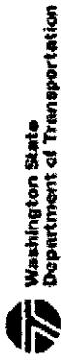
Y Outside

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	H. Hearing	I. Adoption Date	J. Resolution No.	K. Amendment	L. Total Length	M. Utility Codes	N. Improvement Type	O. RW Required	
		Adopted	Hearing															
19	25	Gallagher Road Extension 11004 Gallagher Rd 0.000 to 0.970 Construct new urban roadway to Harrison Ave., curb, gutter, sidewalks, illumination, and other related work.		WA-02994	11/16/16													

Funding			Local Funds			State Funds			Total Funds		
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	Federal Fund Code	Federal Funds	State Fund Code	Federal Funds	State Fund Code	Total Funds
P	PE	2020	Discretionary	50,000	OTHER				50,000		100,000
P	RW	2020	Discretionary	15,000	OTHER				15,000		30,000
P	CN	2020	Discretionary	485,000	OTHER				485,000		970,000
Totals				550,000					550,000		1,100,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th	
PE	0	0	0	0		100,000
RW	0	0	0	0		30,000
CN	0	0	0	0		970,000
Totals	0	0	0	0		1,100,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPC: SWW RTPC

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	Hearing	C. Project Title	D. Road Name or Number	E. Begin & End Term(s)	F. Project Description	G. Structure ID	Total Length	Utility Codes	Improvement Type	Resolution No.	Amendment	Adopted	RW Required	Environmental Type
19	26	Downie Road Extension	40150 - Downie Rd	WA-02998	11/16/15				0.000 to 0.000 to Construct new urban road to Maurin Rd., base stabilization, HMA, and other related work.			01 W	C G P S T	0.380	CE	Yes		

Funding										Expenditure Schedule							
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds	Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PIE	2019	Discretionary	50,000	OTHER	50,000	0	100,000	P	1st	2019	3rd	4th	5th & 8th			
P	RW	2020	Discretionary	10,000	OTHER	10,000	0	20,000	P	CN	2020	Discretionary	540,000	OTHER	540,000	0	1,080,000
P	CN	2020	Discretionary	540,000	OTHER	540,000	0	600,000	Totals				600,000		0	600,000	1,200,000



Washington State
Department of Transportation

Agency: Lewis Co.

County: Lewis

MPO/RTPQ: SWW RTPQ

Six Year Transportation Improvement Program From 2016 to 2021

N Inside
Y Outside

Priority Number	Functional Class	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Termni	F. Project Description	G. Structure ID	Hearing	Amendment	Adopted	Resolution No.	Total Length	Utility Codes	Improvement Type	RW Required	Environmental Type
09	27	Middle Fork Road Improvements 45011 - Middle Fork Rd 0.000 to 3.740 Widening, base stabilization, intersection improvements, HMA, and other related work.		WA-02957	11/16/15													

Funding			Federal Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2019			0		0	0	2,940,000
P	RW	2020			0		0	0	1,020,000
P	CN	2020			0		0	0	11,770,000
			Totals		0		0	0	15,730,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	800,000	2,140,000
RW	0	0	0	0	1,020,000
CN	0	0	0	0	11,770,000
Totals	0	0	0	800,000	14,930,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.
County: Lewis
MPO/RTPD: SWW RTPD

Y Outside

N Inside

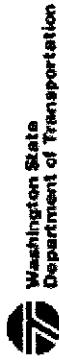
Functional Class	Priority Number	A. PIN/Project No.		B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	Hearing	I. Resolution No.	J. Amendment	K. Adopted	L. Total Length	M. Utility Codes	N. Improvement Type	O. Total Length	P. CPT	Q. CE	R. No
		C.	D.																	
07	28	Jackson Hwy Rehabilitation 94000 - Jackson Hwy 0.257 to 7.136 Rehabilitate by grinding roadway, pavement repair, Geotextile fabric, overlay with HMA, and other related work.	WA-02999	11/16/15																

Funding

Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2020		0	CRAB	18,000	2,000	20,000
P	CN	2021		0	CRAB	432,000	48,000	480,000
			Totals	0		450,000	50,000	500,000

Expenditure Schedule

Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	0	20,000
CN	0	0	0	0	960,000
Totals	0	0	0	0	980,000



Six Year Transportation Improvement Program From 2016 to 2021

Agency: Lewis Co.

County: Lewis

MPO/RTPO: SWW RTPO

N Inside

Y Outside

Functional Class	Priority Number	A. PIN/Project No.	B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID	H. Resolution No.	I. Amendment	J. Adopted	K. Hearing	L. Total Length	M. Utility Codes	N. RW Required	O. Environmental Type	
07	29	Highway 603 (4) Rehabilitation 93006 - Hwy 603 10,900 to 11,700 Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.	WA-03004	11/16/15													

Funding Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds	Local Funds	Total Funds
P	PE	2020		0	CRAZ	108,000	12,000	120,000
P	RW	2020		0		0	40,000	40,000
P	CN	2021		0	CRAZ	892,000	59,000	951,000
			Totals	0		1,000,000	111,000	1,111,000

Expenditure Schedule Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	0	120,000
RW	0	0	0	0	40,000
CN	0	0	0	0	951,000
Totals	0	0	0	0	1,111,000



**Washington State
Department of Transportation**

Agency: Lewis Co.

County: Lewis

MPO/RTPD: SWW RTPD

N Inside

Y Outside

Six Year Transportation Improvement Program From 2016 to 2021

Functional Class	Priority Number	RW Required						
		A. PIN/Project No.	B. STIP ID	C. Project Title	D. Road Name or Number	E. Begin & End Terminal	F. Project Description	G. Structure ID
		N Inside		Y Outside				
07	30	SR 505 Corridor Improvements. SR 505 Mainline 2,180 to 5,500 Corridor improvements including truck climbing lane, intersection improvements, traffic signals, and other related work.	WA-05043	11/1/6/15	Hearing	Adopted	Amendment	

Funding						Local Funds		Total Funds	
Status	Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Fund Code	State Funds			Total Funds
P	PE	2019		0	OTHER	511,000		511,000	1,022,000
P	RW	2021		0	OTHER	37,500		37,500	75,000
P	CN	2020		0	OTHER	895,500		895,500	1,791,000
			Totals	0		1,444,000		1,444,000	2,888,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
PE	0	0	0	225,000	797,000
RW	0	0	0	0	75,000
CN	0	0	0	0	1,791,000
Totals	0	0	0	225,000	2,663,000



Washington State
Department of Transportation

Agency: Lewis Co.
County: Lewis
REPORTER: SWWW RTB

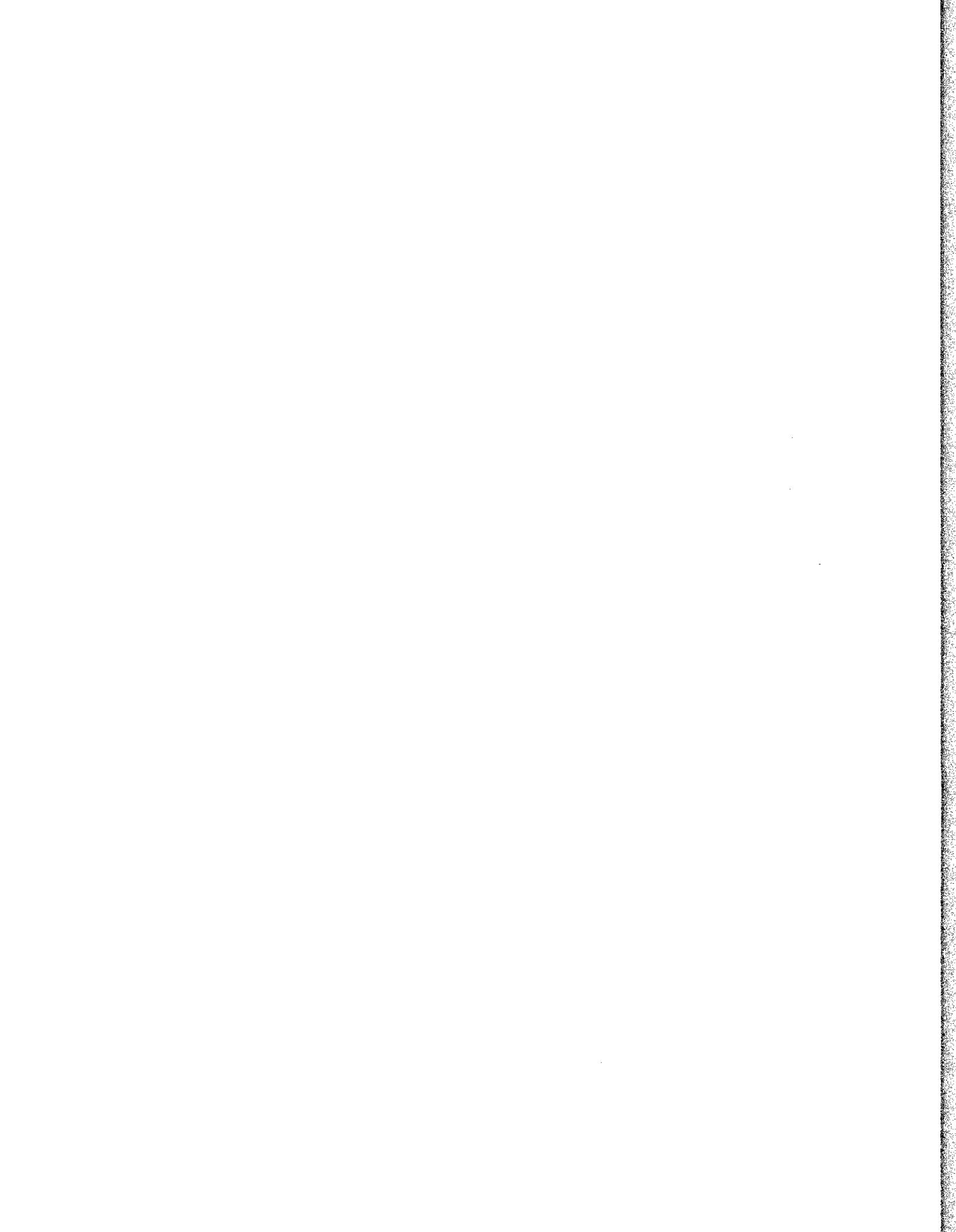
Six Year Transportation Improvement Program From 2016 to 2021

RW Required	No
Environmental Type	CE
Total Length	
Utility Codes	
Improvement Type	22
Resolution No.	
Amendment	
Adopted	
Hearing	WA-07447 11/16/15
A. PIN/Project No.	B. STIP ID
C. Project Title	G. Structure ID
D. Road Name or Number	
E. Begin & End Termini	
F. Project Description	
Priority Number	31
Functional Class	00
Railroad Line Acquisition	
Tacoma Rail #816 Line	
Chahalis to Maytown	
Acquisition of Tacoma Rail railroad line	

Funding Status		Phase	Phase Start Year (YYYY)	Federal Fund Code	Federal Funds	State Funds	Local Funds	Total Funds
P	All	2018	Discretionary	2,000,000		0	1,000,000	3,000,000
			Total	2,000,000		0	1,000,000	3,000,000

Expenditure Schedule					
Phase	1st	2nd	3rd	4th	5th & 6th
All	0	0	3,000,000	0	0

	Federal Funds	State Funds	Local Funds	Total Funds
General Education Co.	10,494,750	14,497,484	40,873,766	65,776,000



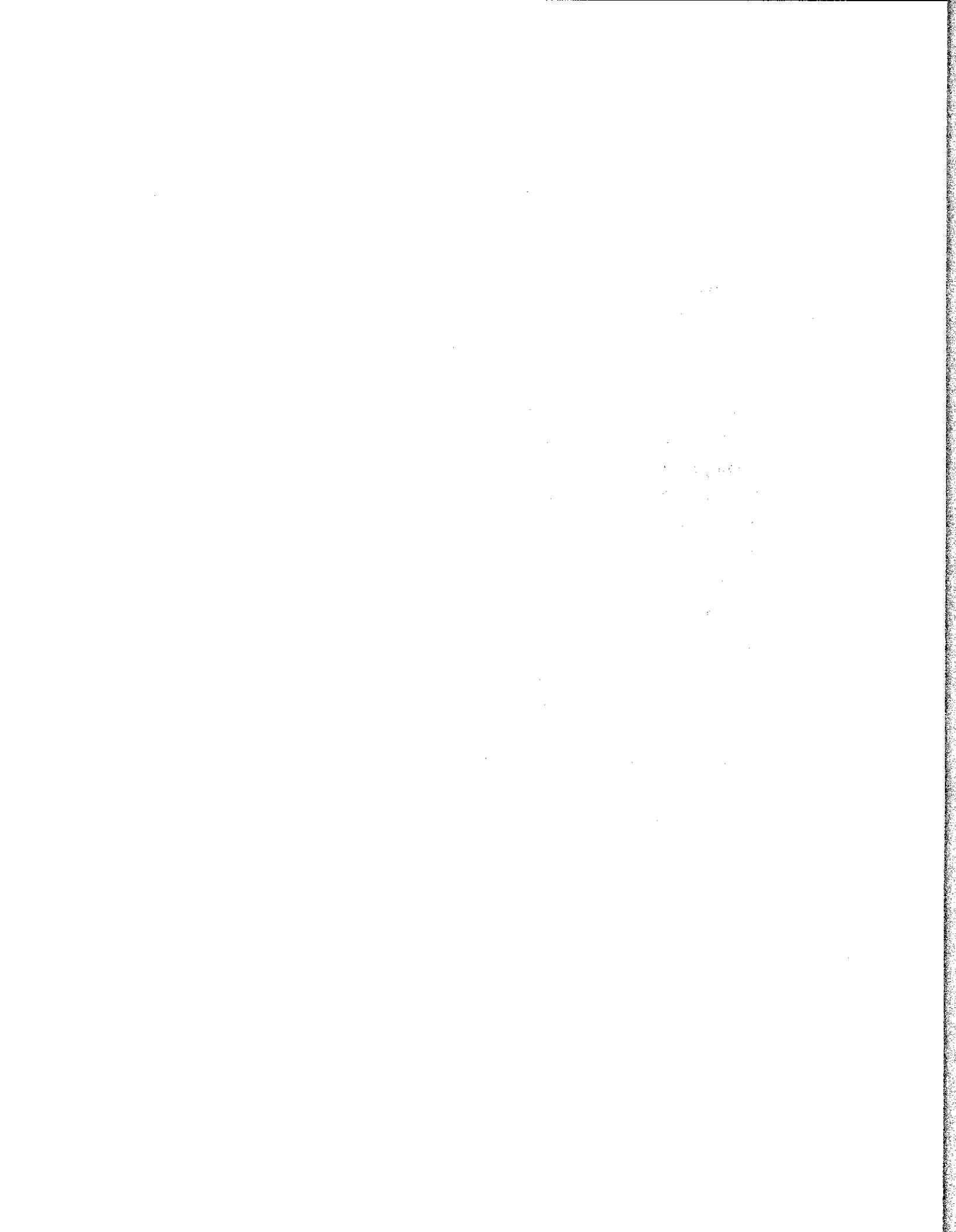
Lewis County
Department of Public Works
Engineering Division

FUNDED PROJECTS
SUMMARY SHEETS

Six Year
Transportation
Improvement
Program
2016 - 2021

SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM
PROJECT SUMMARY SHEETS LEGEND

<u>Name of Project</u>	<u>Priority Number</u>
Countywide Bridge/Road Bank Protection	1
Countywide Culvert Replacement	2
Countywide 3R Program	3
Countywide Misc. Safety & Guardrail	4
Federal Forest Road Improvements	5
Highway 603 Stabilization	6
Lincoln Creek Bridge No. 31 Replacement	7
County Safety Program - Phase II	8
North County Industrial Access	9
Centralia Alpha Road Improvements	10
Wigley Road Improvements	11
North Fork Road Realignment	12
Swofford Road Rehabilitation	13
Rush Road Improvements	14
Boyd Road Rehabilitation	15
Isbell Road Rehabilitation	16
Harrison Avenue Improvements	17
Borst Avenue Safety Improvements	18
Avery Road West Improvements	19
Tucker Road Widening	20
Mickelsen Parkway	21
Avery Road West/North Military Road Intersection	22
Forest Napavine Road East Improvements	23
Teitzel Road Bridge Approach Repair	24
Gallagher Road Extension	25
Downie Road Extension	26
Middle Fork Road Improvements	27
Jackson Hwy Rehabilitation	28
Highway 603 (4) Rehabilitation	29
SR 505 Corridor Improvements	30
Railroad Line Acquisition	31



PRIORITY NO. 1: COUNTYWIDE BRIDGE/ROAD BANK PROTECTION



Pe Ell McDonald Bridge Scour

Proposed Sites:

- Oyler Road Bridge Scour (BRAC)
- Pe Ell McDonald Road Bridge Scour (BRAC)
- Magnus Road Bridge Scour

Non-Capital Improvement Projects

Funding:

Local: \$600,000 (6 yr.)/\$100,000 – 2016
BRAC: \$445,000 (6 yr.)/\$445,000 – 2016
Total Funding: \$1,045,000

Project Timeline:
PE: 2016-2021
ROW: 2016-2021
CONS: 2016-2021

Road Number: Various
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Existing Conditions:
Lane Widths:
Shoulder Widths:

Traffic Count:
3 year accident history:
Property:
Injuries:
Fatalities:

Basis for Project: Countywide bank protection on various roads and bridges.

PRIORITY NO. 2: COUNTYWIDE CULVERT REPLACEMENT



Fish Passage and County Maintenance

Proposed Sites:

Lucas Creek Fish Passage, MP 4.20 & 4.30
Fraser Creek Fish Passage, MP 0.50
Bunker Creek Fish Passage, MP 5.68
Bunker Creek Fish Passage, MP 2.39
Independence Road, MP 0.88
Jackson Highway South, MP 2.11
Wildwood Road, MP 8.55

Fraser Creek Fish Passage

Road Number: Various
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Existing Conditions:

Lane Widths:
Shoulder Widths:
Traffic Count:
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0

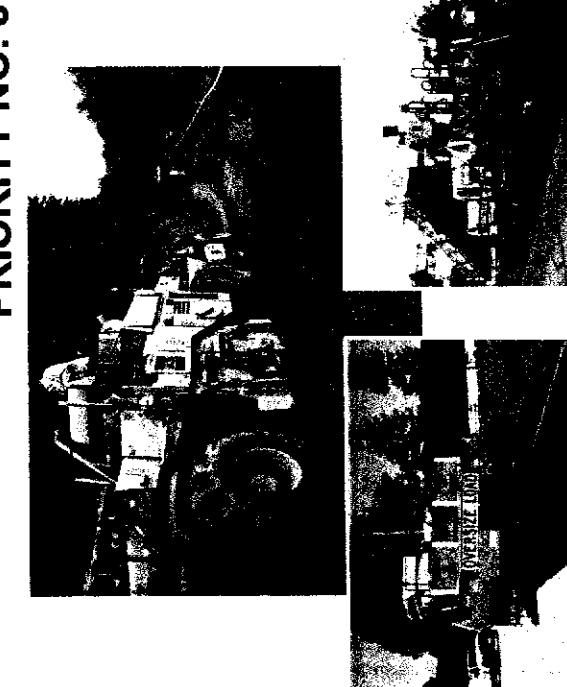
Non-Capital Improvement Projects

Funding:

Local: \$112,000 (6 yr.)/\$7,000 – 2016
RAP: \$225,000 (6 yr.)
Fed/State: \$328,000 (6 yr.)/\$8,000 – 2016
Total Funding: \$665,000

Basis for Project: Countywide removal and replacement of barrier culverts, provide stream enhancements for fish passage, and replacement of maintenance culverts.

PRIORITY NO. 3: COUNTYWIDE 3R PROGRAM



Proposed 2016:

<u>Chip Seal</u>	Eshom	Oyler	Airport	Keasling
Allison	Fickett	Oyler Way	Anderson	Leroy
Awmiller	Finkas	Paradise DR	Baugh	Middle Fork
Beam	Fries	Paradise DR E	Bennett	Mineral Hill
Berg	Frost	Parnell	Blue	Muller
Big Hanaford	Isbell	Frying Pan PL	Pattee	Nisqually Way
Bishop	Johnson	Pe Ell McDonald	Bunker Creek	Osborn
Blankenship	Jones	Pyramid PL	Camus	Paradise Dr.
Bones	Jorgensen	Railroad St.	Cispus	Peters
Boone	Kahout	Rainier PL	Cline	Pigeon Springs
Borst Ave	Katua	Rainier PL W	Coulson	Ploegman
Bowen	Kautz PL	Rarey	Dluhosch	Roundtop
Boyd	Kennicott	Rock Creek	Evans	Roundtree
Brim Creek	Little Hanaford	Roundtree	Falls	Rupp
Cedar Creek	Maritalia	S. Military	Fircrest	Short
Ceres Hill	Maritalia N	Salmi	Hadaller	Tune
Chandler	McAndrew	Schoonover	Hamilton	Urquhart
Coat Creek	McCormick Crk	Stevens PL	Howe	Walhaupt
Cole	Tahoma PL	Tahoma Way	Joppish	Wilson
Creek PL	Meyer	Teague	Kahout	
Cristler	N. Military	Tokaloo PL		
Dunivan	Nicholson	Tryon		
Dunn	Nisqually Way	Wagner		
EIK Creek	Osborn	Walville		

Project Timeline:
PE: 2016-2021
ROW: 2016-2021
CONS: 2016-2021

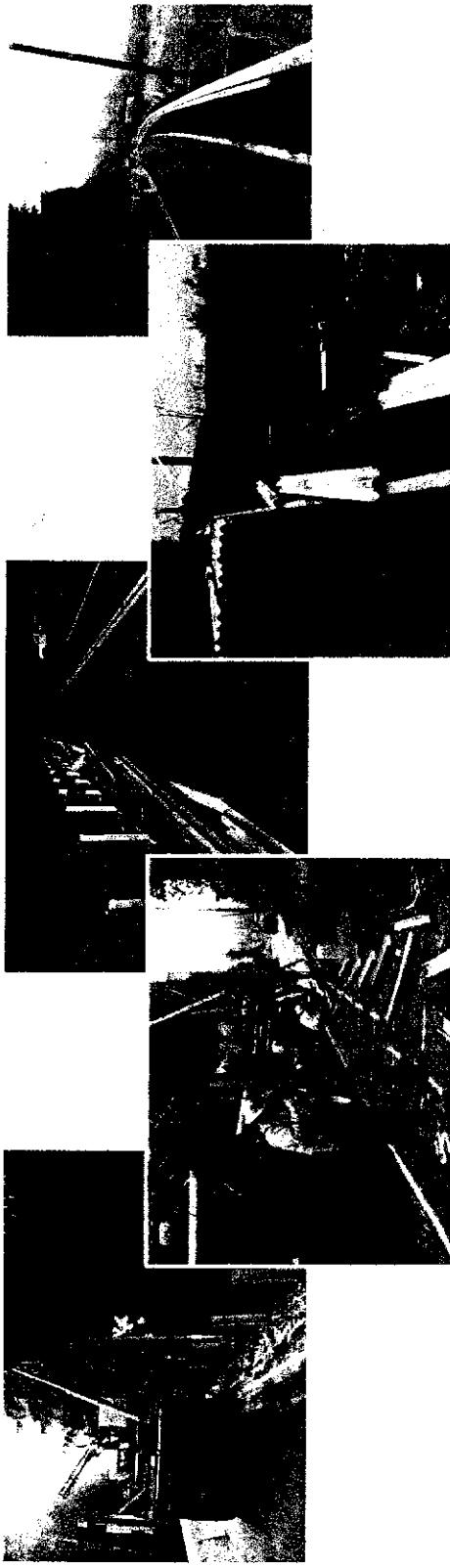
Proposed Conditions:
Road Number:
TIP Ranking:
Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:
Existing Conditions:
Lane Widths:
Shoulder Widths
Traffic Count:
3 year accident History:
Property:
Injuries:
Fatalities:
Basis for Project: Yearly Program – Base stabilization, chip-sealing, and hot mix asphalt overlays.

Completion of CRP-2133 Roundtree Rd Slide Repair

Funding:

Local: \$1,381,516 (6 yr.)/\$791,086 - 2016
CAPP: \$2,843,484 (6 yr.)/\$473,914 – 2016
Total Funding: \$4,225,000 (6 yr.)/\$1,265,000 - 2016

PRIORITY NO. 4: COUNTYWIDE MISC SAFETY & GUARDRAIL

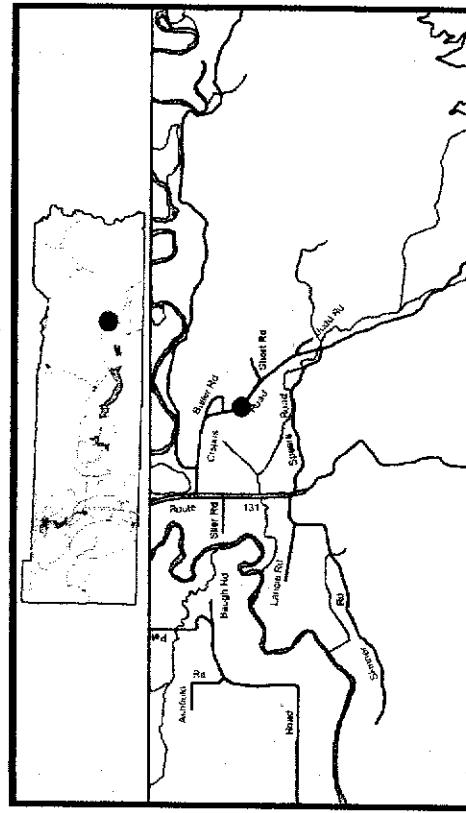
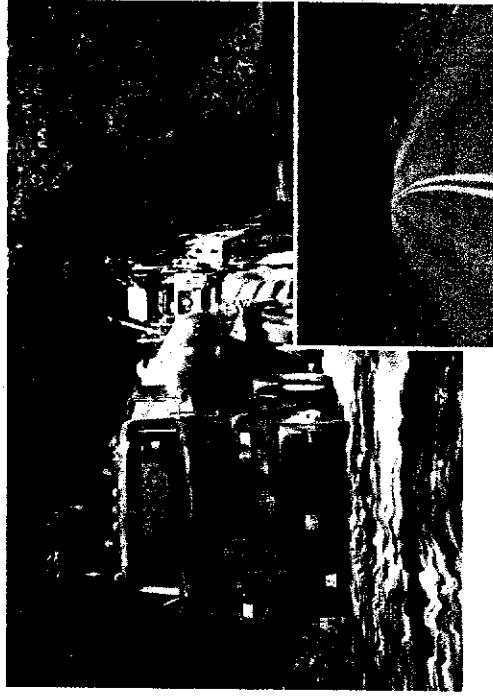


Proposed 2016 Guardrail Sites:

Accident Repair	
Storm Damage Repair	
<u>Proposed 2016 Safety:</u>	
Recessed Pavement Marker Replacements	
Flexible Guide Posts	
Intersection Safety Improvements	
Right-of-way Purchase	
Funding:	
Local: \$875,000 (6 yr.)/\$300,000 - 2016	
Total Funding: \$875,000	

Road Number:	Various
TIP Ranking:	
Priority Array Score:	
Beginning Milepost:	
Ending Milepost:	
Total Mileage:	
Existing Conditions:	
Lane Widths:	
Shoulder Widths	
Traffic Count:	
3 year accident History:	
Property:	
Injuries:	
Fatalities:	
Basis for Project:	Yearly program – Perform various safety projects as needed and install guardrail at necessary locations.

PRIORITY NO. 5: FEDERAL FOREST ROAD IMPROVEMENTS



Road Number: 70700
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Project Timeline:
PE: 2016-2021
ROW:
CONS: 2016-2021

Existing Conditions:

Lane Widths:
Shoulder Widths
Traffic Count:
3 year accident History:

Property:
Injuries:
Fatalities:
Basis for Project: Maintenance improvements to access Federal Forest lands.

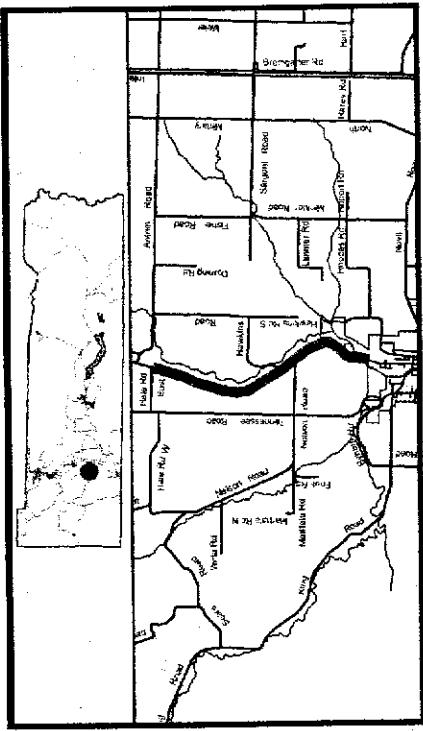
Proposed Projects:

- Covel Creek Culvert
(Pending Forest Service Right-of-way Acquisition)
- Pavement Repair/Preservation on Federal Forest Roads
- Cispus Road

Funding:

Local: \$704,000 (6 yr.)/\$204,000 – 2016
FLAP: \$660,000 (6 yr.)/\$660,000 – 2016
Total Funding: \$1,364,000

PRIORITY NO. 6: HWY 603 STABILIZATION



Road Number: 93006
TIP Ranking:

Priority Array Score:
Beginning Milepost: 11.70
Ending Milepost: 13.42
Total Mileage: 1.72

Existing Conditions:

Lane Widths: 13
Shoulder Widths: 1
Traffic Count: 2104
3 year accident History:
Property: 2
Injuries: 2
Fatalities: 0

Basis for Project: Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.

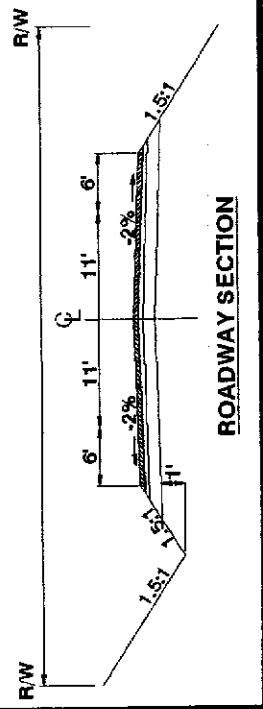
Funding:

Local: \$3,517,000

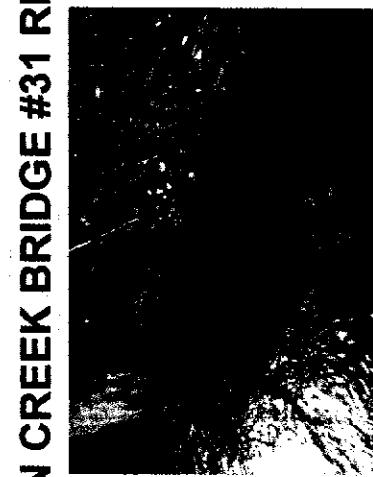
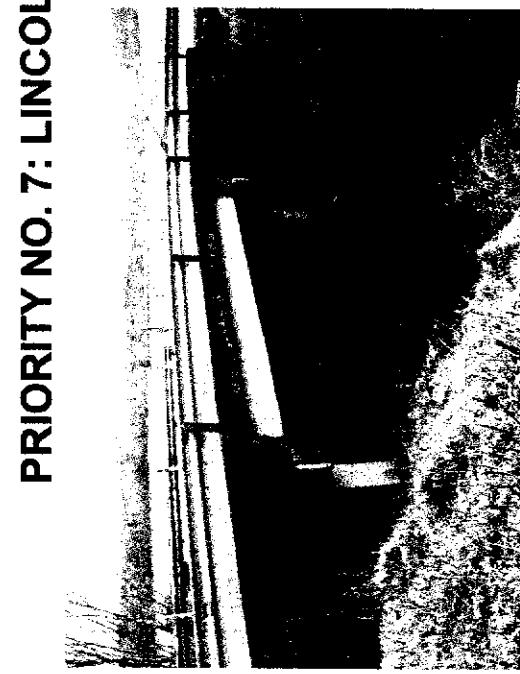
STP(R): \$1,000,000

RAP: \$578,000

Total Funding: \$5,095,000



PRIORITY NO. 7: LINCOLN CREEK BRIDGE #31 REPLACEMENT



Road Number: 10019
TIP Ranking:

Priority Array Score:
Beginning Milepost: 11.90
Ending Milepost:
Total Mileage:

Existing Conditions:

Lane Widths: 12
Shoulder Widths:
Traffic Count: 162

3 year accident History:

Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Replacement of Bridge No. 31 and other related work.

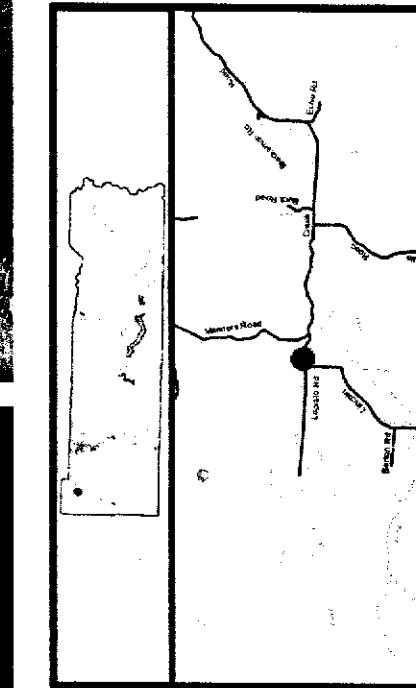
Project Timeline:
PE: 2016
ROW:
CONS: 2016

Proposed Conditions:

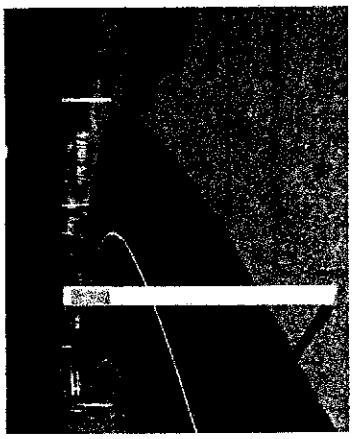
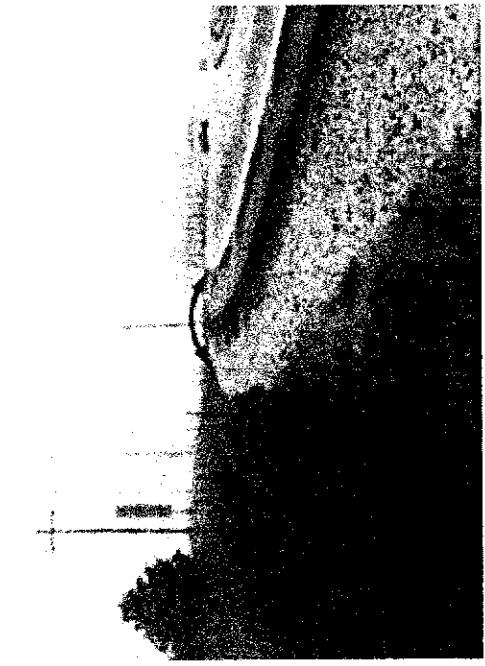
Lane Widths: 12
Shoulder Widths:

Funding:
Local: \$172,000
BRAC: \$688,000

Total Funding: \$860,000



PRIORITY NO. 8: COUNTY SAFETY PROGRAM – PHASE II



Proposed Roads:

Shorey
West Side Hwy
Rush
Coal Creek
Hwy 603
Cooks Hill
Centralia Alpha
Galvin
Harrison Ave
Reynolds Ave

Jackson Hwy S
Leonard
Curtis Hill
Logan Hill
Jackson Hwy
N Military
Twin Oaks
Scheuber S
Somerville
S Military

Road Number:
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Existing Conditions:

Project Timeline:
PE: 2016
ROW:
CONS: 2016

Proposed Conditions:

Lane Widths:
Shoulder Widths:

Traffic Count:

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Funding:
Local: \$10,000

STP(S): \$1,215,000
Total Funding: \$1,225,000

Basis for Project: Safety improvements on roadways identified in the County's Local Road Safety Plan.

PRIORITY NO. 9: NORTH COUNTY INDUSTRIAL ACCESS

Road Number:
TIP Ranking:

Priority Array Score:
Beginning Milepost:
Ending Milepost:
Total Mileage:

Existing Conditions:

Lane Widths:

Shoulder Widths:

Traffic Count:

3 year accident History:

Property: 0

Injuries: 0

Fatalities: 0

Project Timeline:
PE: 2016-2017
ROW:
CONS:

Proposed Conditions:

Lane Widths:

Shoulder Widths:

Traffic Count:

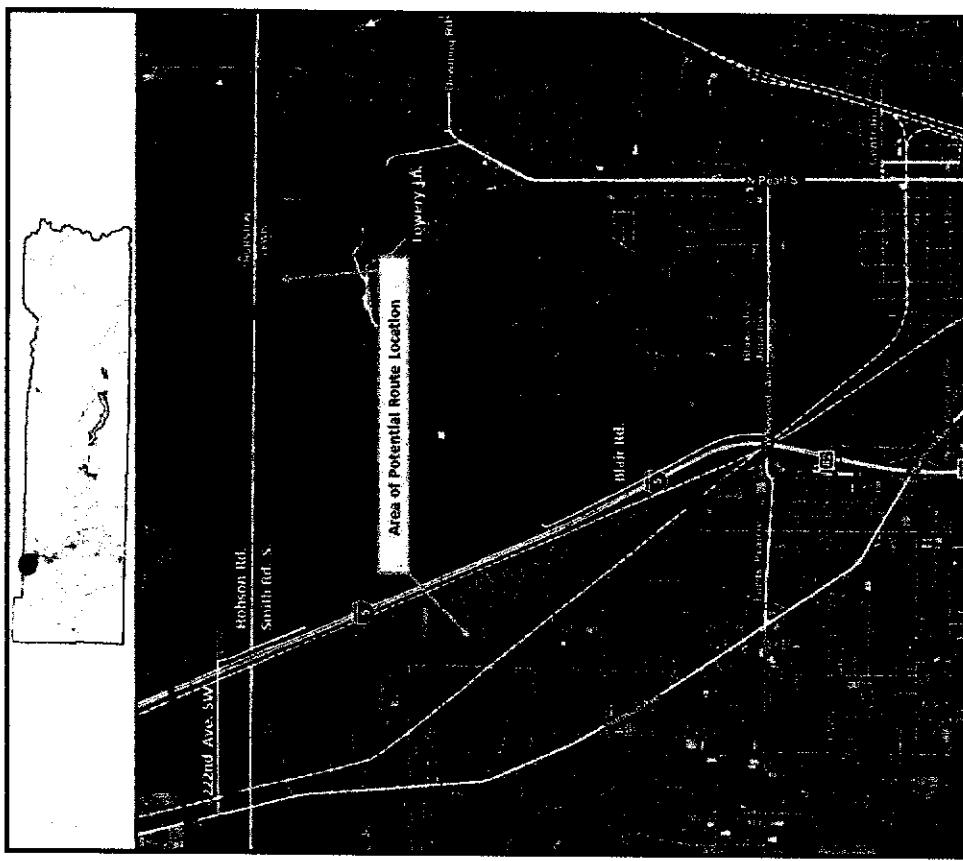
Basis for Project: This project proposes to finalize regional design efforts for a direct industrial ingress/egress arterial two-lane, two-way truck route from Interstate 5 to North Lewis County industrial properties.

Funding:

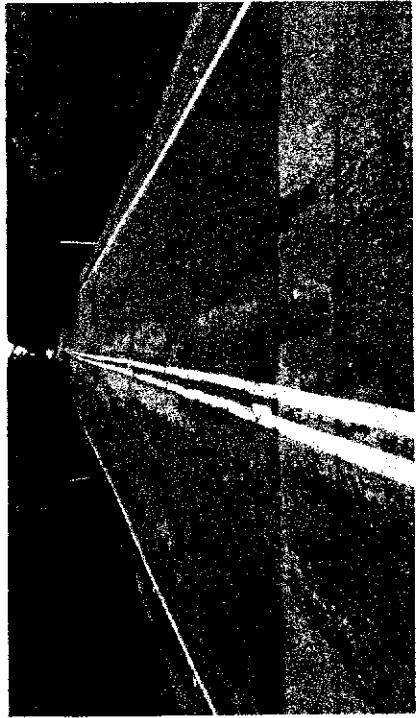
Local: \$50,000

.09 Distressed County: \$500,000

Total Funding: \$550,000



PRIORITY NO. 10: CENTRALIA ALPHA ROAD IMPROVEMENTS



Road Number: 94001
TIP Ranking:

Priority Array Score: 1
Beginning Milepost: 1
Ending Milepost: 12.30
Total Mileage: 1.70

Existing Conditions:

Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 517
3 year accident History

*Property: 2
Injuries: 2
Fatalities: 0*

Basis for Project: Slope stabilization, intersection improvements, roadway widening, resurfacing with hot mix asphalt, guardrail, and other related work.

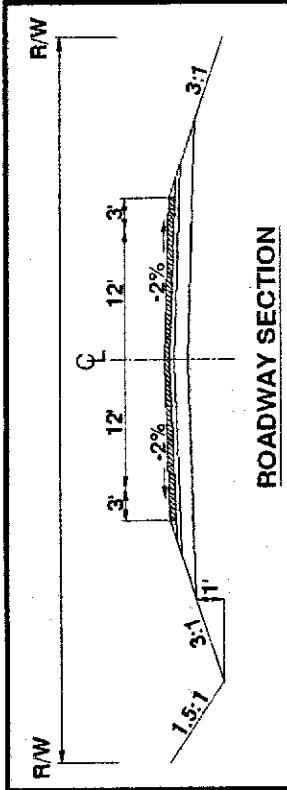
Funding:

Local: \$1,924,000 (6 yr.) / \$172,000 - 2016

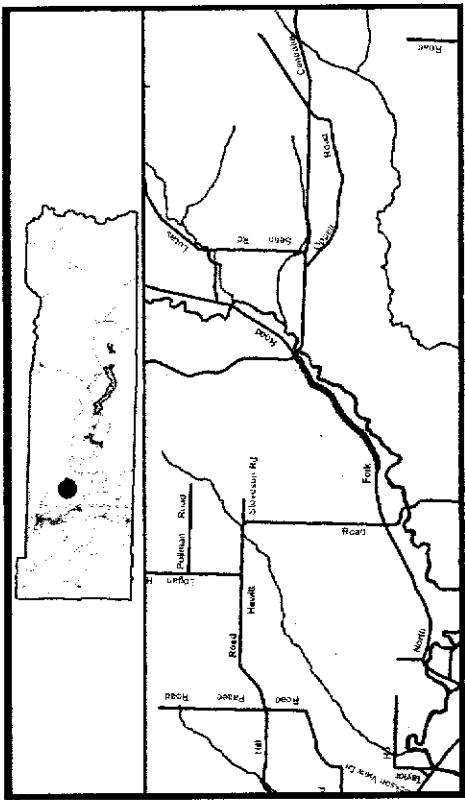
STP(R): \$1,634,000 (6 yr.)/\$450,000 - 2016

RAP: \$848,000 (6 yr.)/\$15,000 - 2016

Total Funding: \$4,406,000



PRIORITY NO. 12: NORTH FORK ROAD REALIGNMENT



Road Number: 46000
TIP Ranking:

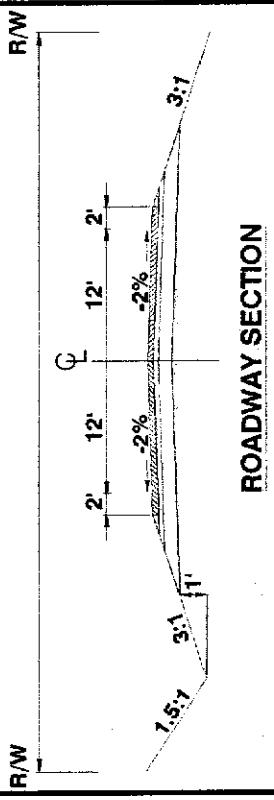
Priority Array Score:
Beginning Milepost: 2.70
Ending Milepost: 4.05
Total Mileage: 1.35
Existing Conditions:

Project Timeline:
PE: 2016-2018
ROW: 2016-2018
CONS: 2018
Proposed Conditions:

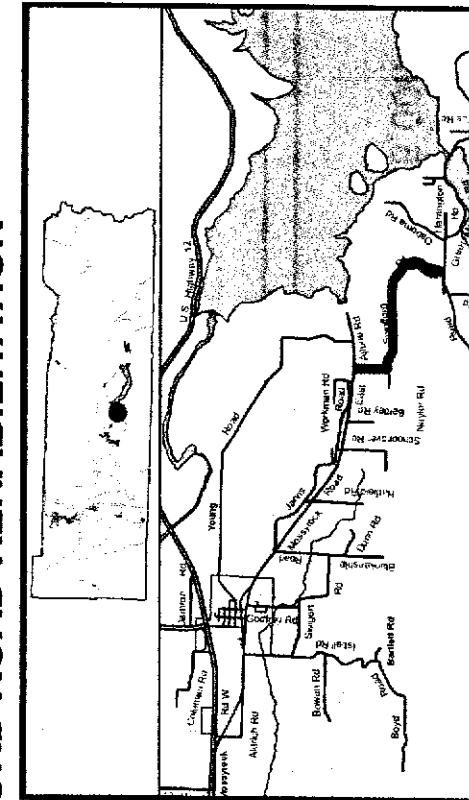
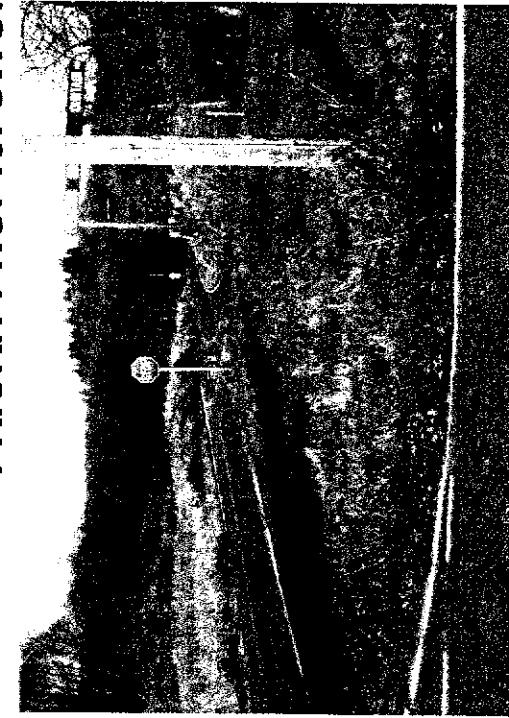
Lane Widths: 11
Shoulder Widths: 1
Traffic Count: 689
3 year accident History:
Property: 2
Injuries: 4
Fatalities: 0

Basis for Project: Improve by grading, HMA, horizontal and vertical alignments will be improved, and other related work.

Funding:
Local: \$419,000 (6 yr.)/\$59,000 - 2016
RAP: \$2,566,000 (6 yr.)/\$81,000 - 2016
Total Funding: \$2,985,000



PRIORITY NO. 13: SWOFFORD ROAD REHABILITATION



Road Number: 62850
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 1.78
Total Mileage: 1.78

Existing Conditions:

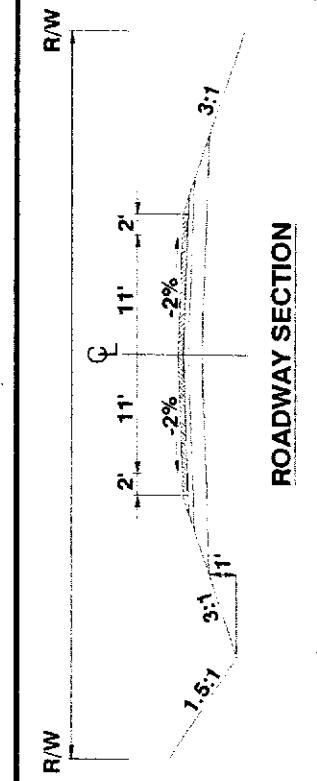
Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 534
3 year accident History:

Property: 0
Injuries: 0
Fatalities: 0

Project Timeline:
PE: 2016-2017
ROW: 2016
CONS: 2018

Proposed Conditions:

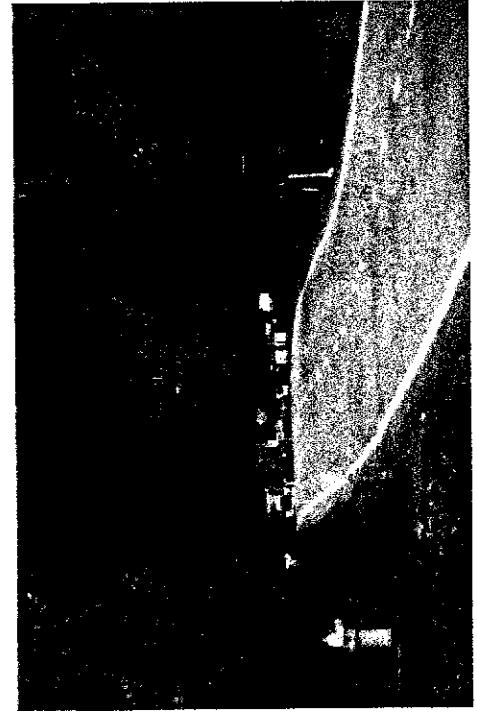
Lane Widths: 11
Shoulder Widths 2



Funding:
Local: \$775,000 (6 yr.)/\$15,000 - 2016
Total Funding: \$775,000

Basis for Project: Improve by grading, BST, horizontal and vertical alignments will be improved, and other related work.

PRIORITY NO. 14: RUSH ROAD IMPROVEMENTS



Road Number: 94006
TIP Ranking:

Priority Array Score: 2
Beginning Milepost: 2.16
Ending Milepost: 3.16
Total Mileage: .56

Project Timeline:
PE: 2016-2018
ROW: 2017-2018
CONS: 2018

Lane Widths: 11 Shoulder Widths: 2 Lane Widths: 12 Shoulder Widths 8

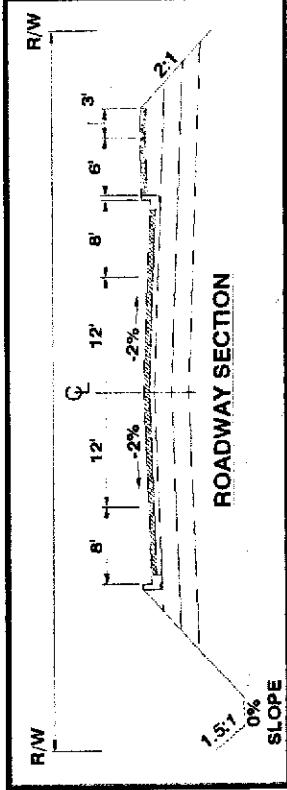
*Property: 6
Injuries: 2
Fatalities: 0*

Basis for Project: Major widening, possible curb and gutter, sidewalks, base stabilization, HMA, and other related work.

Funding:
Local: \$0

Other Local: \$2,300,000 (6 yr.)/\$25,000 - 2016

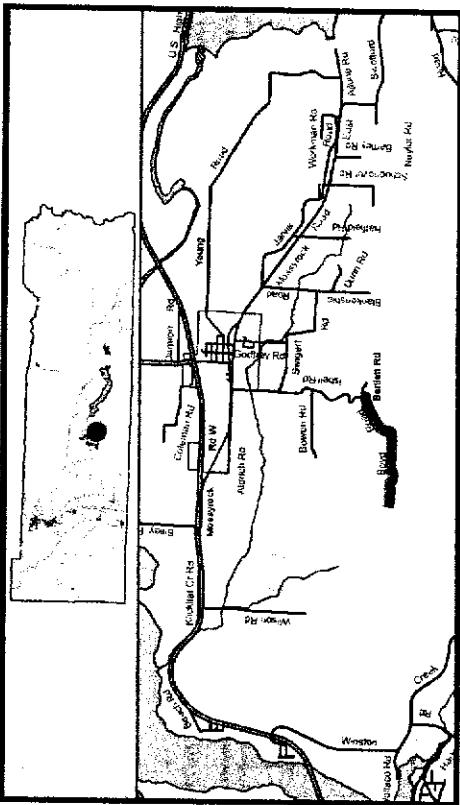
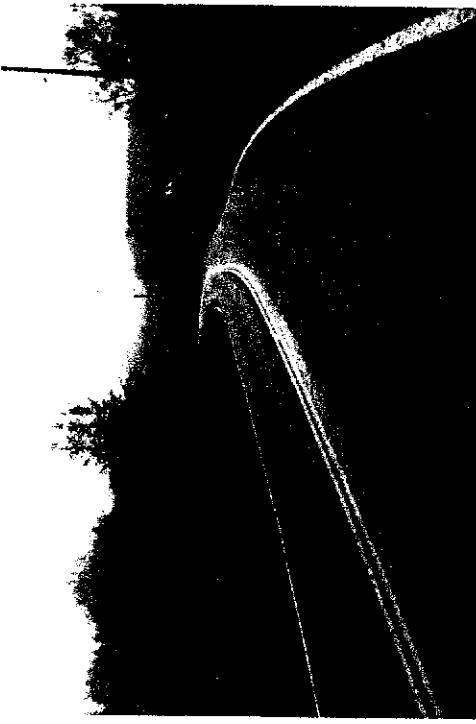
Total Funding: \$2,300,000



This detailed map shows the area around Hamilton, Ontario, Canada. Key features include:

- Rivers:** Grand River, Credit River, and Nottawasaga River.
- Major Roads:** Highway 403, Highway 401, Highway 2, Highway 8, and Highway 50.
- Towns and Landmarks:** Galt, Cambridge, Waterloo, Kitchener, Waterloo, Guelph, Brantford, and London.
- Geographic Labels:** Lake Huron, Lake Erie, and Lake Ontario.
- Inset Map:** A small map in the bottom left corner shows the location of the study area within the context of southern Ontario.

PRIORITY NO. 15: BOYD ROAD REHABILITATION



Road Number: 61451
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 1.14
Total Mileage: 1.14

Existing Conditions:

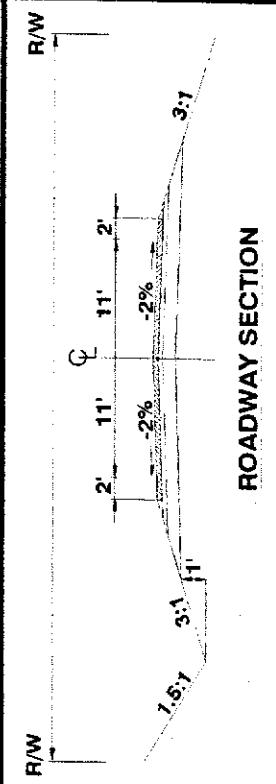
Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 113
3 year accident History:
Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Vertical and horizontal improvements, base stabilization, BST, and other related work.

Project Timeline:
PE: 2016-2018
ROW: 2018
CONS: 2018

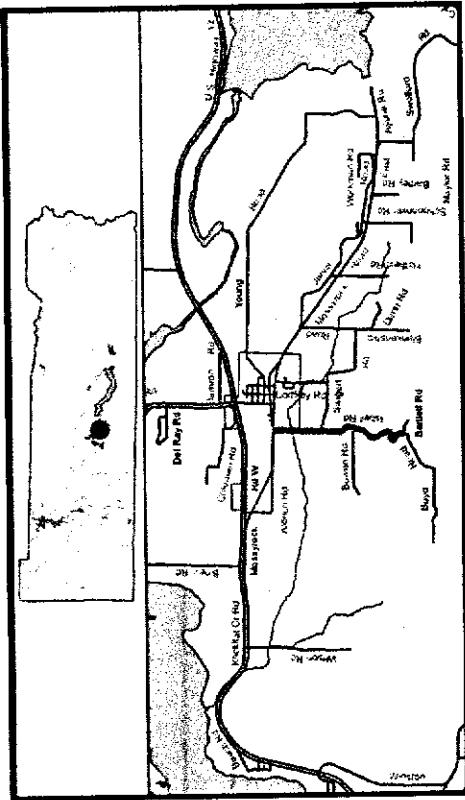
Proposed Conditions:

Lane Widths: 11
Shoulder Widths: 2



Funding:
Local: \$10,000 (6 yr.)/\$10,000 - 2016
Other Local: \$470,000
Total Funding: \$480,000

PRIORITY NO. 16: ISBELL ROAD REHABILITATION



Road Number: 61450
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 1.41
Total Mileage: 1.41
Existing Conditions:

Project Timeline:
PE: 2016-2018
ROW: 2018
CONS: 2018
Proposed Conditions:

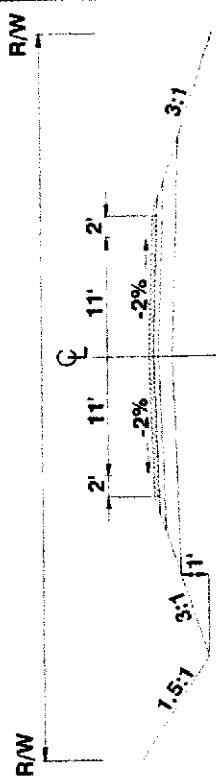
Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 246
3 year accident History:

Property: 1
Injuries: 0
Fatalities: 0

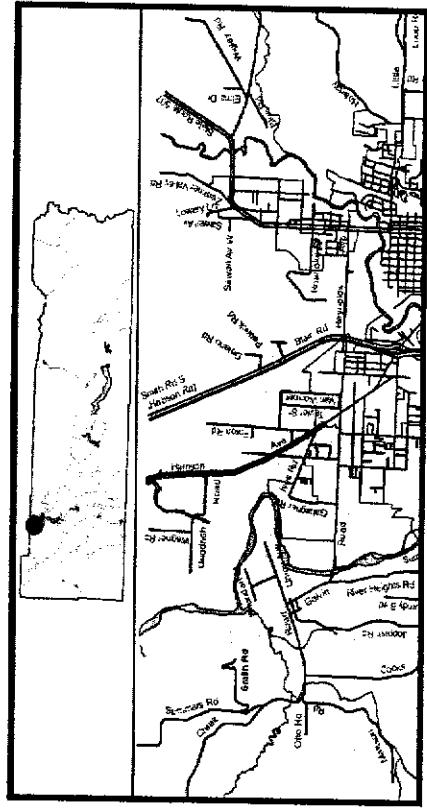
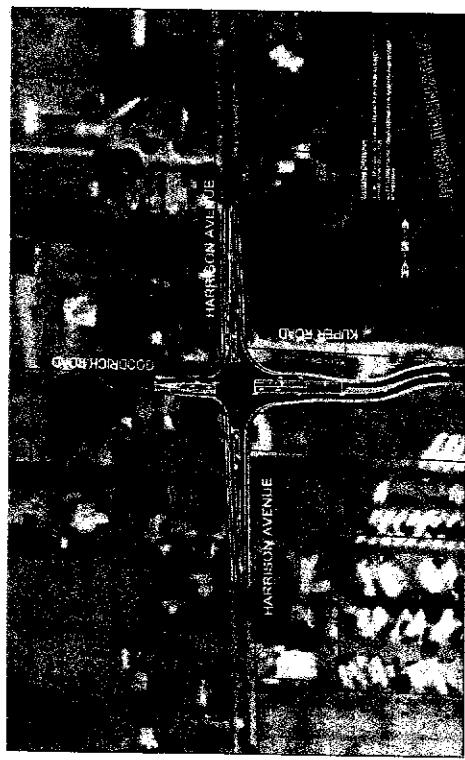
Basis for Project: Vertical and horizontal improvements, base stabilization, BST, and other related work.

Funding:
Local: \$10,000 (6 yr.)/\$10,000 - 2016

Other-Local: \$425,000
Total Funding: \$435,000



PRIORITY NO. 17: HARRISON AVENUE IMPROVEMENTS



Road Number: 91000
TIP Ranking:

Priority Array Score:
Beginning Milepost: 5.5
Ending Milepost: 2.54
Total Mileage: 1.99

Existing Conditions:

Lane Widths: 12
Shoulder Widths: 6
Traffic Count: 10,633
3 year accident History:
*Property: 18
Injuries: 13
Fatalities: 0*

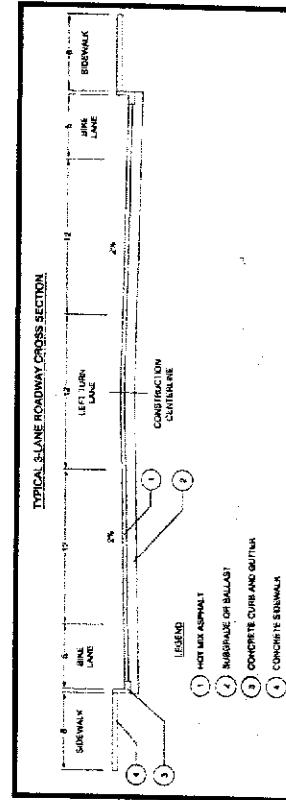
Basis for Project: Roadway design for future development.

Project Timeline:
PE: 2019
ROW:
CONS:

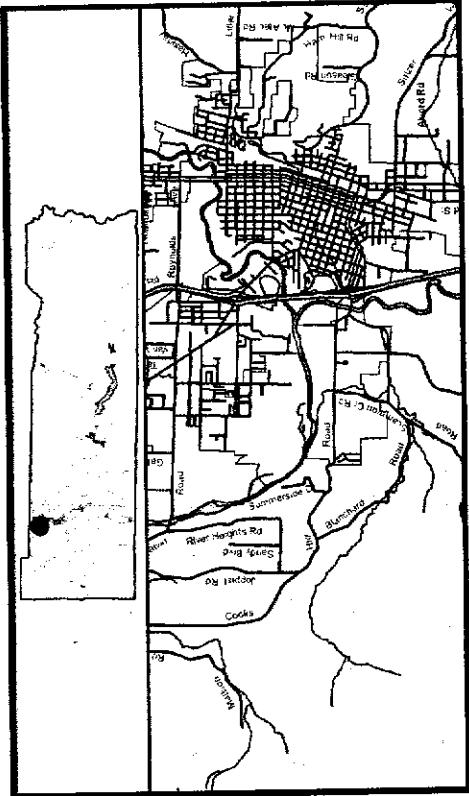
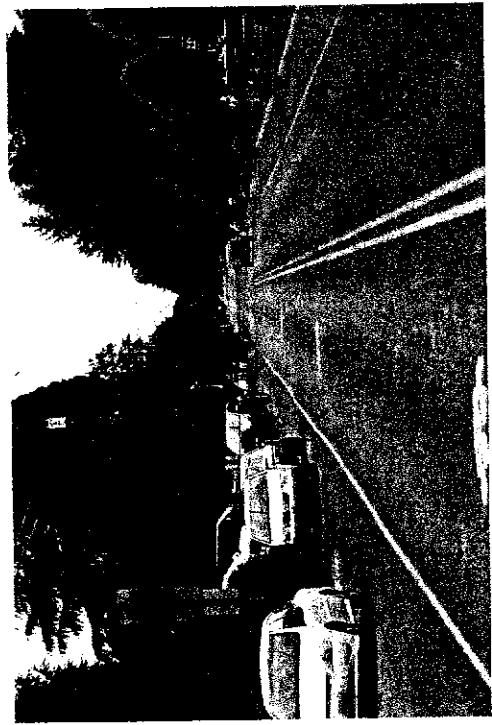
Proposed Conditions:

Lane Widths: Varies
Shoulder Widths: Varies

Funding:
Local: \$135,000
STP(US): \$865,000
Total Funding: \$1,000,000



PRIORITY NO. 18: BORST AVENUE SAFETY IMPROVEMENTS



Road Number: 91023
THP Ranking:

Priority Array Score: 0
Beginning Milepost: 0
Ending Milepost: .30
Total Mileage: .30

Existing Conditions:

Lane Widths: 11
Shoulder Widths: 2
Traffic Count: 2533
3 year accident Histro

Properties: 0

Injuries: 0
Fatalities: 0

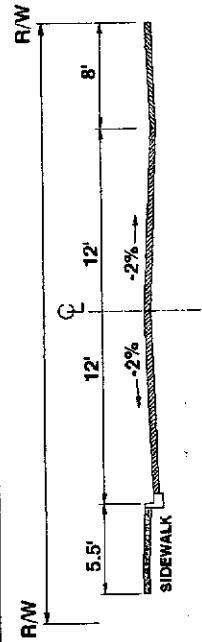
Basis for Project: Safety improvements including: a sidewalk, a parking strip, road reconstruction, and other related work.

Funding:
Local: \$2

Local: \$20,000

STP(US): \$130,000

Total Funding: \$150,000



ROADWAY SECTION

Funding:
Local: \$20,000
STP(US): \$130,000
Total Funding: \$150,000

Project Timeline:
PE: 2019
ROW:
CONS:

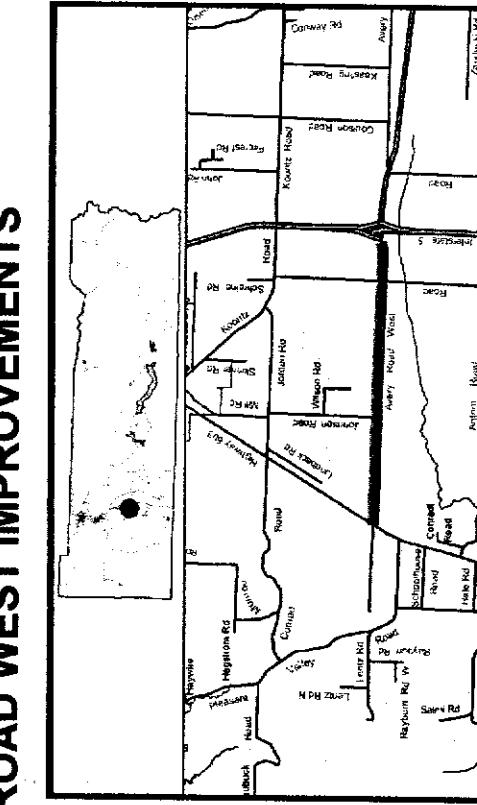
Proposed Conditions:

Lane Widths: 12
Shoulder Widths: 8 (1 side)
5.5 Sidewalk

Property: O

Injuries: 0

ROADWAY SECTION



Road Number: 30081

Priority Array Score: .09
Beginning Milepost: .09
Ending Milepost: .270

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Lane Widths: 12
Shoulder Widths: 4

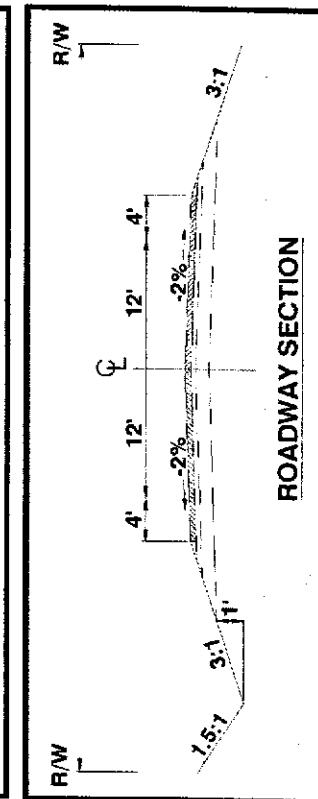
Project Timeline:
PE: 2018-2019
ROW: 2018-2019

Guidance

Local: \$07 000

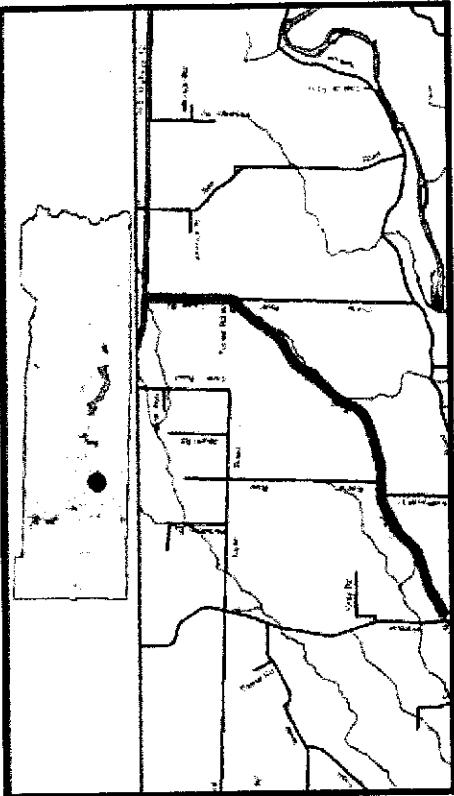
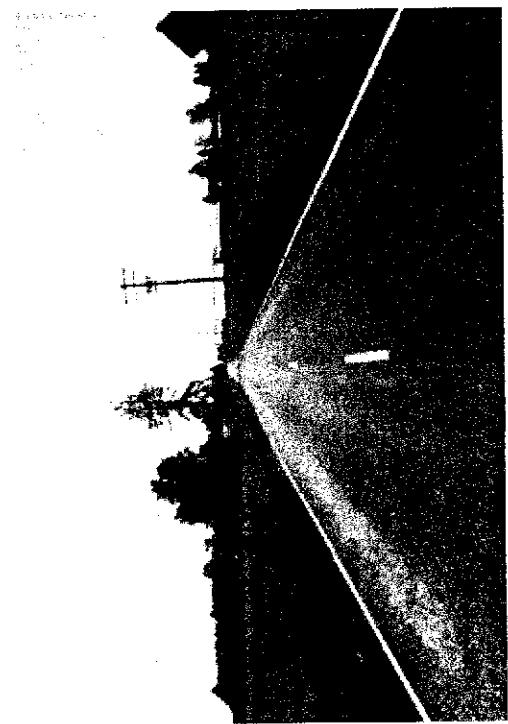
STB(B): \$618 000

Total Ending: \$715,000



Basis for Project: Base Stabilization and road widening for anticipated industrial commercial traffic, and other related work

PRIORITY NO. 20: TUCKER ROAD WIDENING



Road Number: 95003
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 5.50
Total Mileage: 5.50
Existing Conditions:

Project Timeline:
PE: 2018-2019
ROW: 2018-2019
CONS: 2019

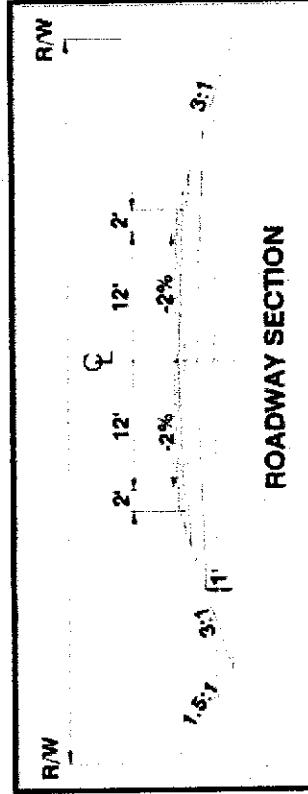
Proposed Conditions:

Lane Widths: 12
Shoulder Widths 2

3 year accident History:
Property: 6
Injuries: 1
Fatalities: 1

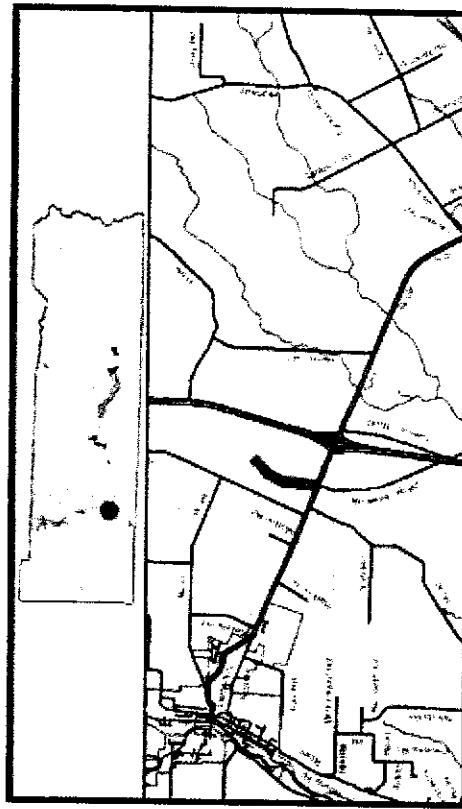
Basis for Project: Road widening, base stabilization, ditches, storm water, HMA, and other related work.

Funding:
Local: \$285,000
RAP: \$2,565,000
Total Funding: \$2,850,000



ROADWAY SECTION

PRIORITY NO. 21: MICKELSEN PARKWAY



Road Number:
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: .70
Total Mileage: .70

Existing Conditions:

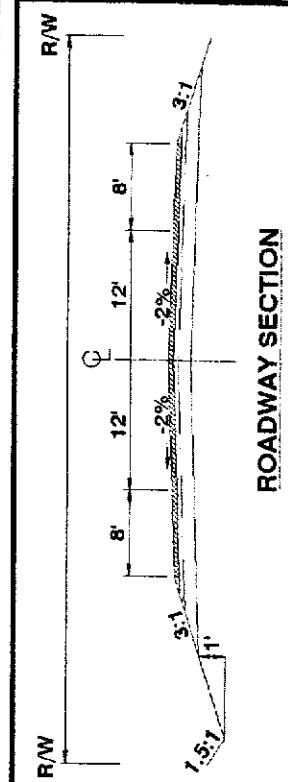
Lane Widths: 0
Shoulder Widths: 0
Traffic Count:

3 year accident History:
Property:
Injuries:
Fatalities:

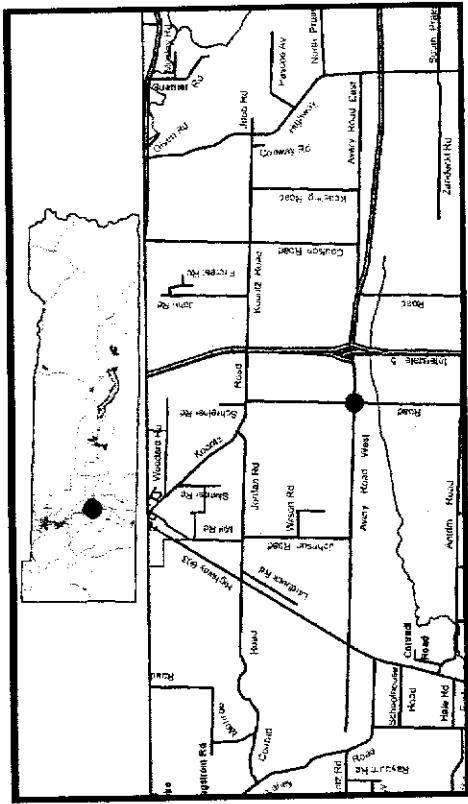
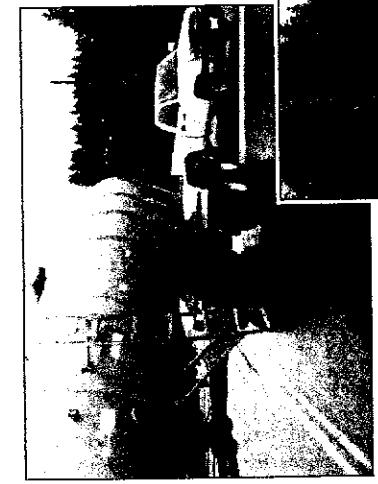
Basis for Project: Construct new road for industrial access, and other related work.

Funding:

Local: \$10,000 (6 yr.)/\$10,000 - 2016
Other Local: \$3,490,000
Total Funding: \$3,500,000



PRIORITY NO. 22: AVERY ROAD/N MILITARY INTERSECTION



Road Number: 30081
TIP Ranking:

Priority Array Score:
Beginning Milepost: .43
Ending Milepost: .47
Total Mileage: .04

Existing Conditions:

Lane Widths:
Shoulder Widths

Traffic Count: 3980/1069
3 year accident history:
Property: 1
Injuries: 1
Fatalities: 0

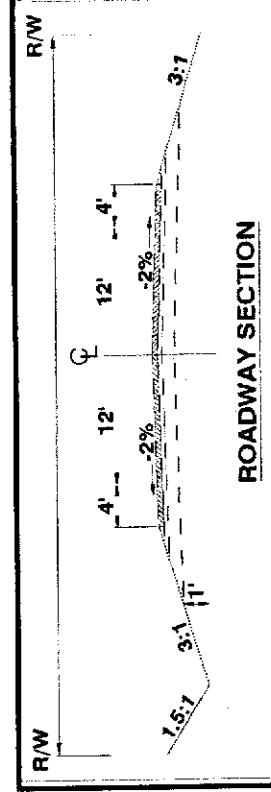
Base for Project: Signalization and other related work.

Funding:

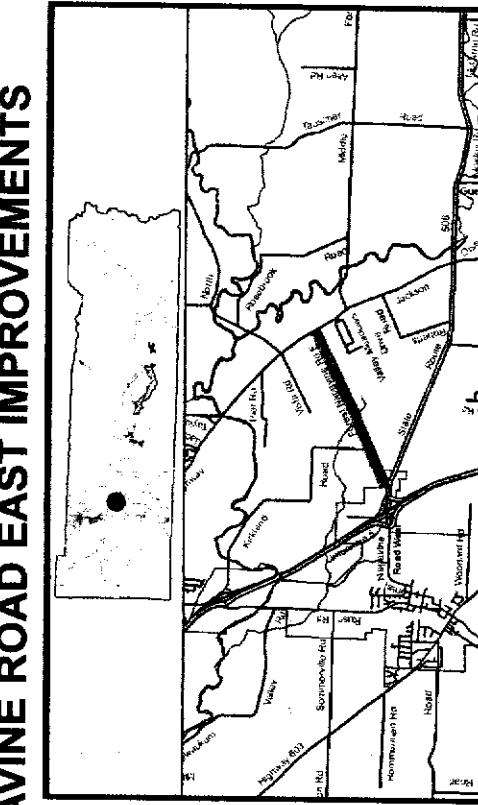
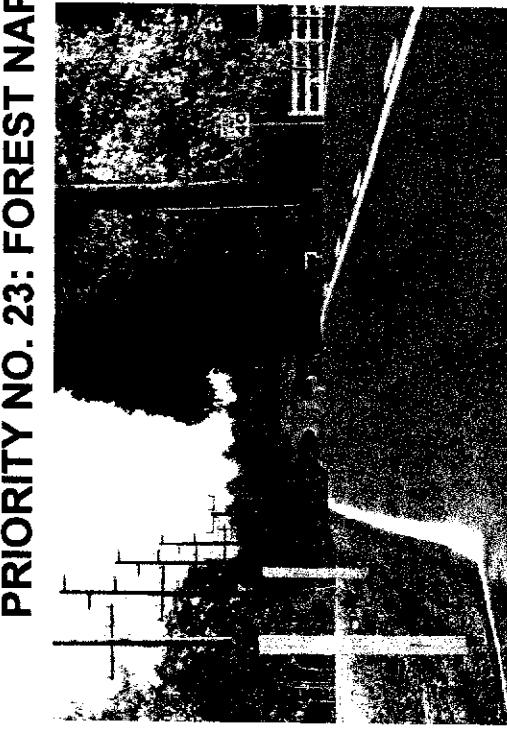
Local: \$50,000

Other-Local: \$20,000

Total Funding: \$70,000



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Road Number: 40015

Priority Array Score:
Beginning Milepost: 0.0
Ending Milepost: 1.57

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Lane Widths: 11
Shoulder Widths:
Traffic Count: 2022
3 year accident History
Property: 1
Injuries: 2
Fatalities: 0

Project Timeline:
PE: 2018-2020
ROW: 2018-2020

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1 000: €10 000

Other | total: €1 132 000

Total Ending: \$4 142 000

ROADWAY SECTION

R/W

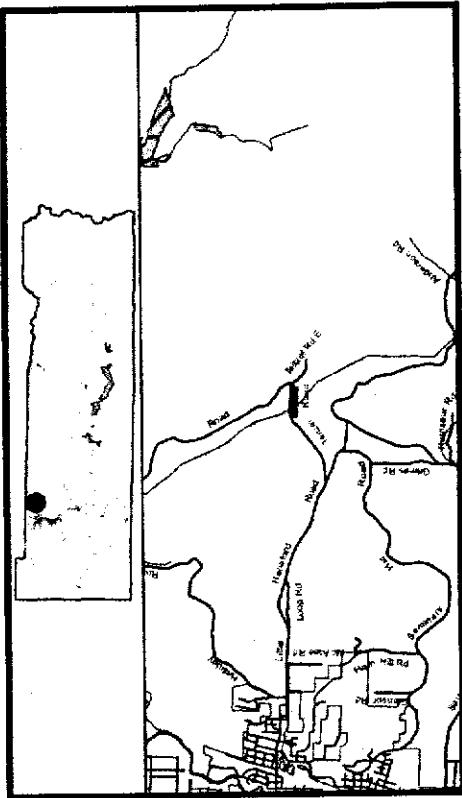
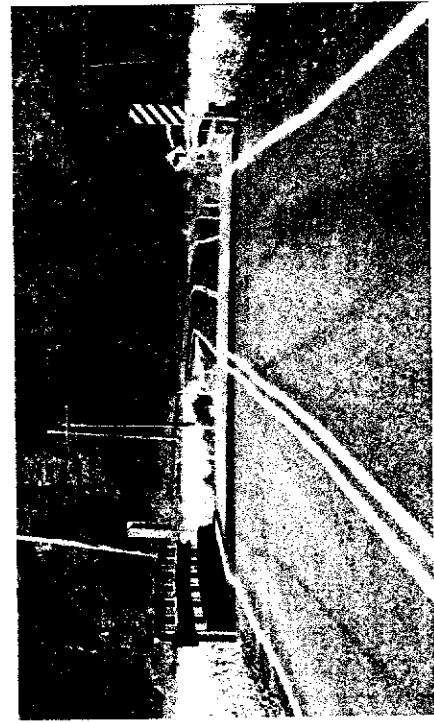
R/W

Diagram illustrating a roadway cross-section with the following dimensions and features:

- Total width (R/W) is 4' + 11' + 11' + 4' = 30'.
- The center lane (C) is 11' wide.
- The shoulder widths are 4' on the left and 3' on the right.
- The approach grade is 2% from the outer shoulders towards the center line.
- The transition grade is -2% between the center line and the inner shoulder.
- The outer shoulder has a 3:1 slope.
- The inner shoulder has a 1:5.1 slope.
- The outer edge of the shoulder is at a height of 3.1' above the bottom of the shoulder.
- The top of the outer shoulder is at a height of 3.1' above the bottom of the shoulder.

Basis for Project: Minor widening, base stabilization, guardrail, intersection improvements, HMA, and other related work.

PRIORITY NO. 24: TEITZEL ROAD BRIDGE APPROACH REPAIR



Road Number: 17381
TIP Ranking:

Project Timeline:
PE: 2020
ROW:
CONS: 2020

Priority Array Score:
Beginning Milepost: 0.70
Ending Milepost: 0.99
Total Mileage: 0.29

Existing Conditions:

Lane Widths: 12
Shoulder Widths: 0
Traffic Count: 151
3 year accident History:
Property: 0
Injuries: 1
Fatalities: 0

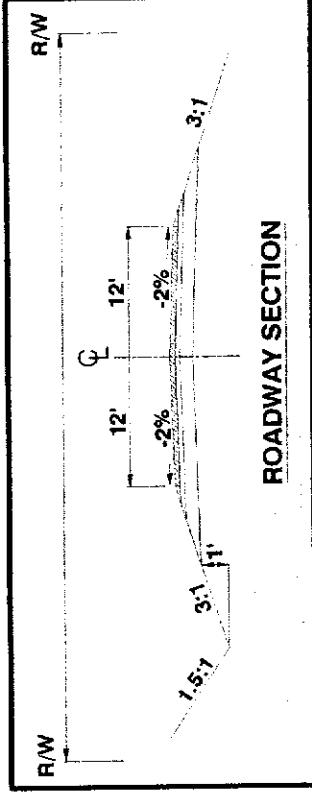
Basis for Project: Reconstruct bridge approaches and other related work.

Funding:

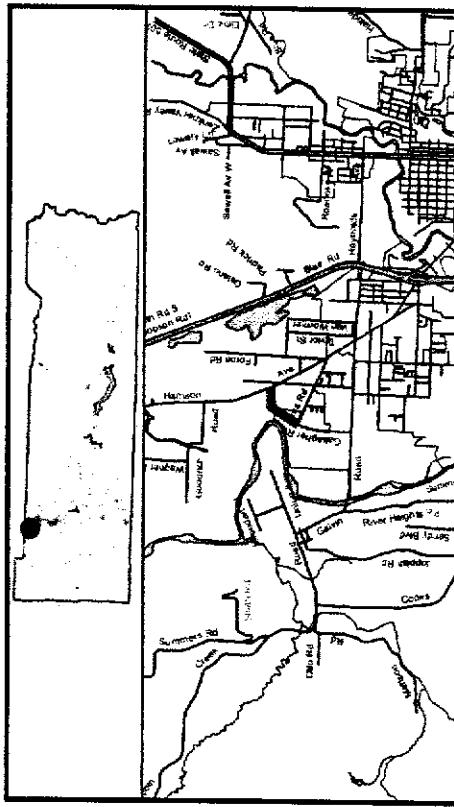
Local: \$200,000

Total Funding: \$200,000

Proposed Conditions:



PRIORITY NO. 25: GALLAGHER ROAD EXTENSION



Road Number: 11004
TIP Ranking:

Project Timeline:
PE: 2020
ROW: 2020
CONS: 2020

Existing Conditions:

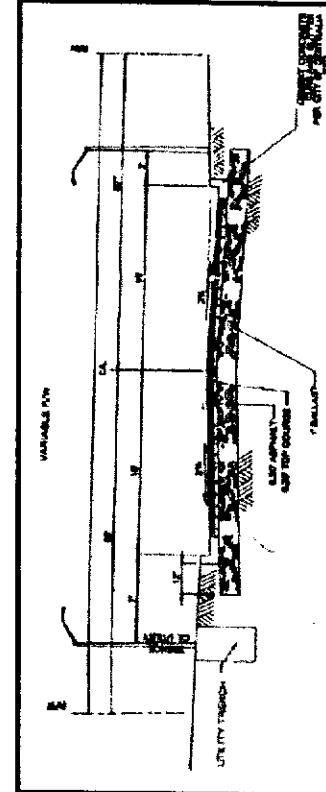
Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 0.97
Total Mileage: 0.97

3 year accident History:

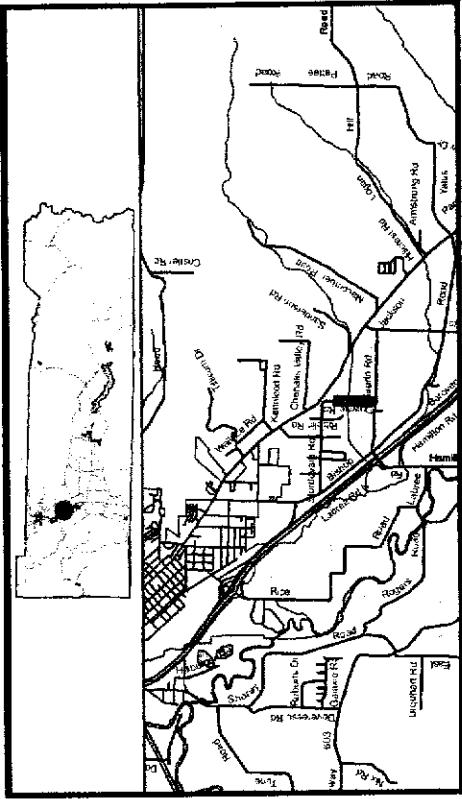
Lane Widths: 0
Shoulder Widths: 0
Traffic Count: N/A
Property: 0
Injuries: 0
Fatalities: 0

Basis for Project: Construct new urban roadway to Harrison Ave., curb, gutter, sidewalks, illumination, and other related work.

Funding:
Other Fed/State: \$1,100,000
Total Funding: \$1,100,000



PRIORITY NO. 26: DOWNIE ROAD EXTENSION



Road Number: 40150
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: -
Total Mileage: 0.38

Existing Conditions:

Lane Widths: 0
Shoulder Widths: 0
Traffic Count:
3 year accident history:

Property:

Injuries:

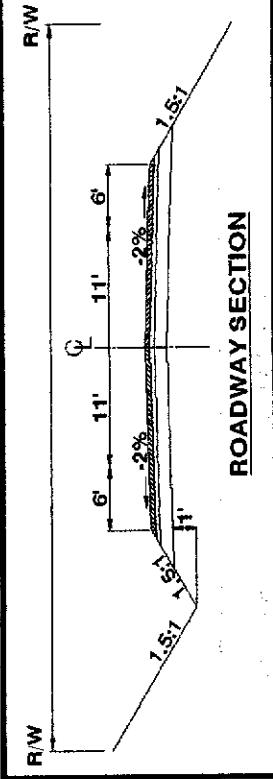
Fatalities:

Basis for Project: Construct new urban road to Maurin Rd., base stabilization, HMA, and other related work.

Project Timeline:
PE: 2020
ROW: 2020
CONS: 2020

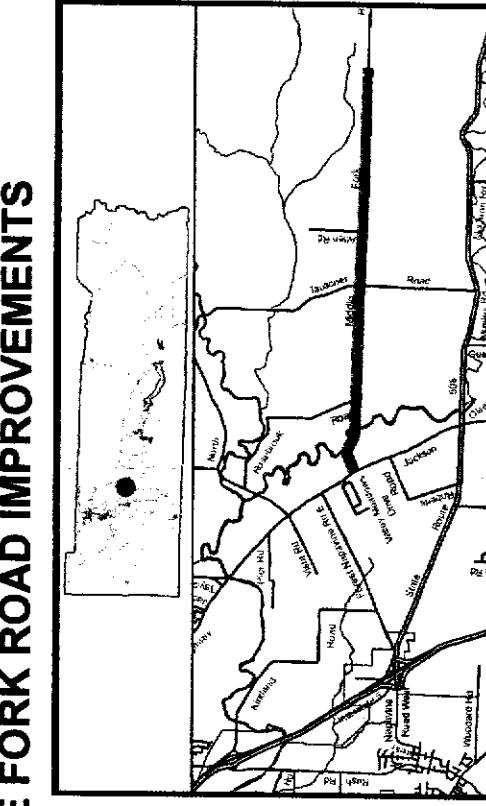
Proposed Conditions:

Lane Widths: 11
Shoulder Widths 6



Funding:
Other Fed/State: \$1,200,000
Total Funding: \$1,200,000

PRIORITY NO. 27: MIDDLE FORK ROAD IMPROVEMENTS



Road Number: 45011
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.00
Ending Milepost: 3.74
Total Mileage: 3.74

Existing Conditions:

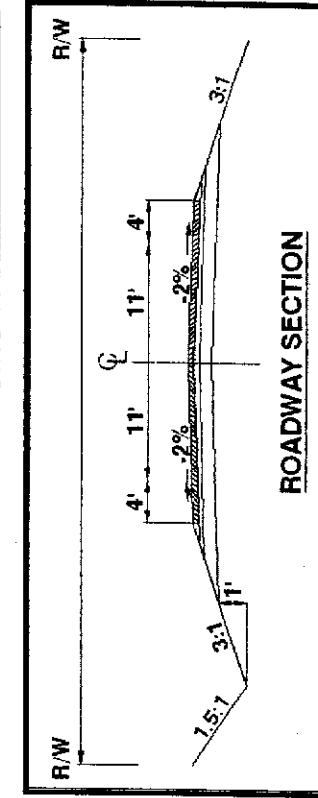
Lane Widths: 11
Shoulder Widths: 1
Traffic Count: 997
3 year accident History:
Property: 3
Injuries: 3
Fatalities: 0

Project Timeline:
PE: 2019-2021
ROW: 2020
CONS: 2020-2021

Proposed Conditions:

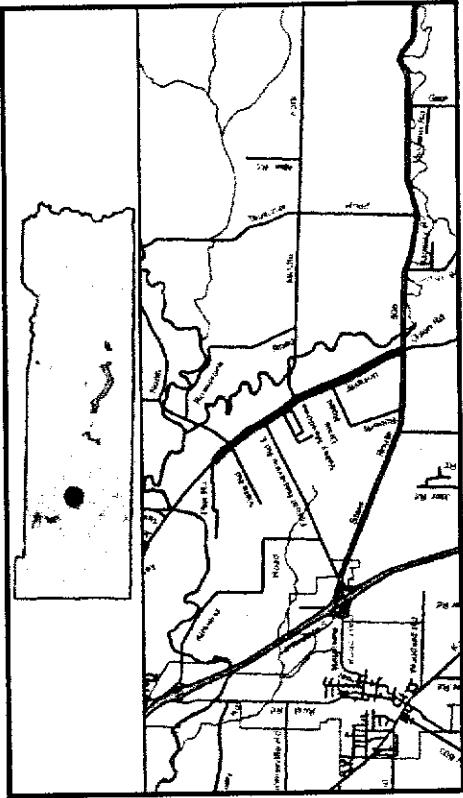
Lane Widths: 11
Shoulder Widths 4

Funding:
Other-Local: \$15,730,000
Total Funding: \$15,730,000



Basis for Project: Widening, base stabilization, guardrail, intersection improvements, HMA, and other related work.

PRIORITY NO. 28: JACKSON HWY REHABILITATION

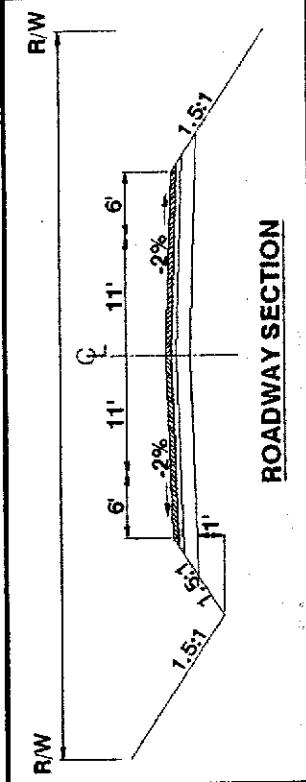


Funding:

Local: \$50,000

RAP: \$450,000

Total Funding: \$500,000



Road Number: 94000
TIP Ranking:

Priority Array Score:
Beginning Milepost: 0.26
Ending Milepost: 7.14
Total Mileage: 6.88

Existing Conditions:

Lane Widths: 11
Shoulder Widths: 6

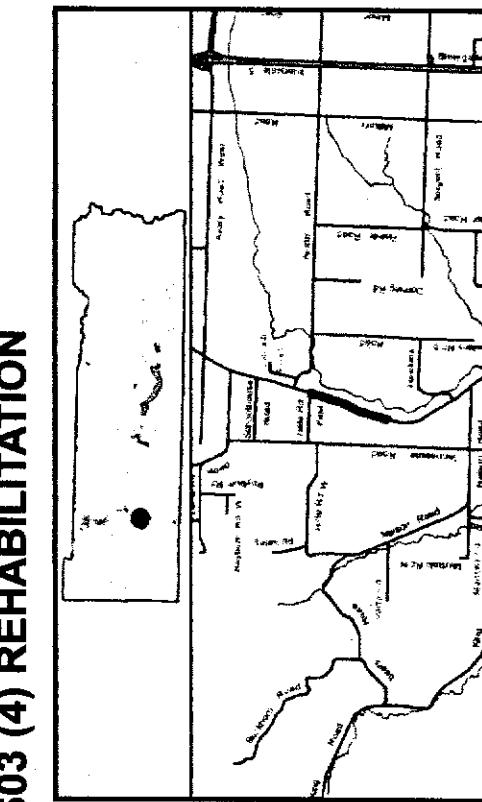
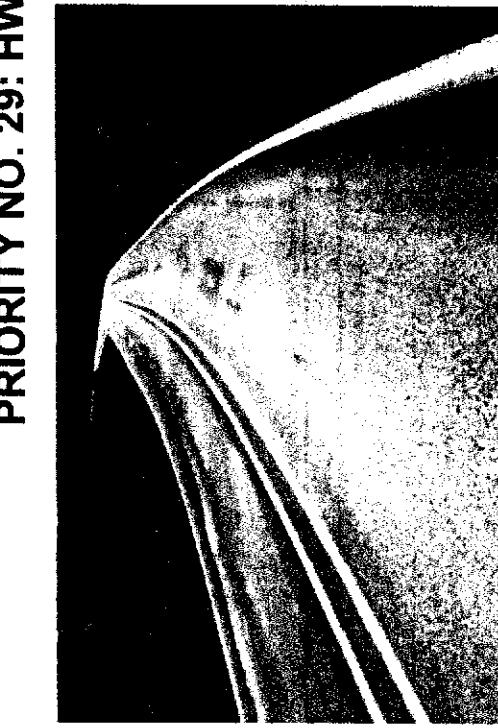
3 year accident History:
Property: 19
Injuries: 8
Fatalities: 1

Basis for Project: Rehabilitate by grinding roadway, pavement repair, Geotextile fabric, overlay with HMA, and other related work.

Project Timeline:
PE: 2020-2021
ROW:
CONS: 2021

Proposed Conditions:

PRIORITY NO. 29: HWY 603 (4) REHABILITATION



Road Number: 93006
TIP Ranking:

Priority Array Score:
Beginning Milepost: 10.90
Ending Milepost: 11.70
Total Mileage: .80

Existing Conditions:

Lane Widths: 13
Shoulder Widths: 1
Traffic Count: 1896
3 year accident History:

Property: 0
Injuries: 1
Fatalities: 0

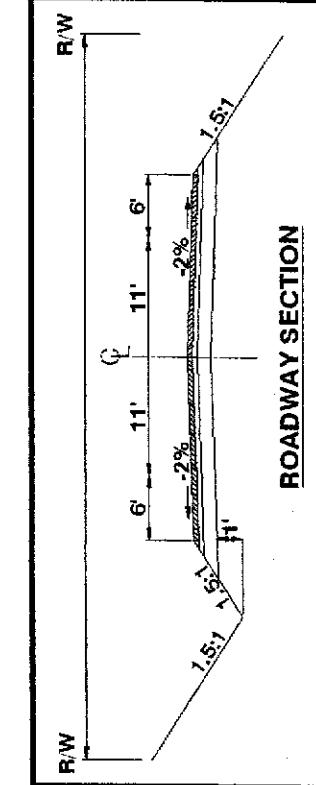
Basis for Project: Improve horizontal alignment, widen and reconstruct roadway base, overlay with HMA, and other related work.

Project Timeline:
PE: 2020-2021
ROW: 2020-2021
CONS: 2021

Proposed Conditions:

Lane Widths: 11
Shoulder Widths 6

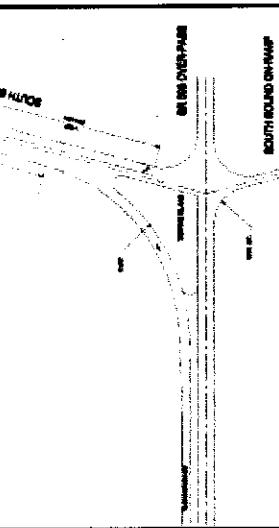
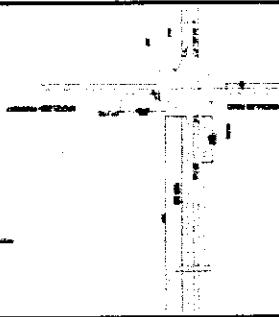
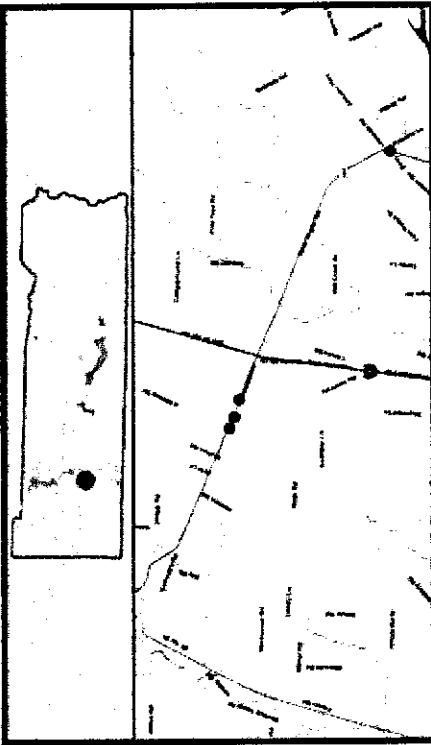
Funding:
Local: \$111,000
RAP: \$1,000,000
Total Funding: \$1,111,000



PRIORITY NO. 30: SR 505 CORRIDOR IMPROVEMENTS

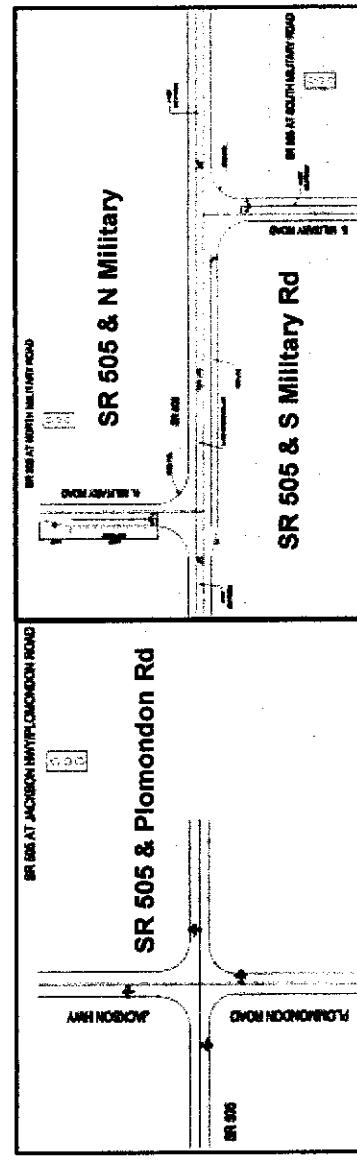
SR 505 Corridor Improvements In order of priority:

- Truck Climbing Lane, PE \$448,000, CN \$1,791,000
- Knowles Rd – Intersection Improvements, PE \$58,000
- Plomondon Rd – Intersection Improvements, PE \$58,000
- N Military Rd – Intersection Improvements, PE \$274,000, ROW \$33,000
- S Military Rd – Intersection Improvements, PE \$184,000, ROW \$42,000

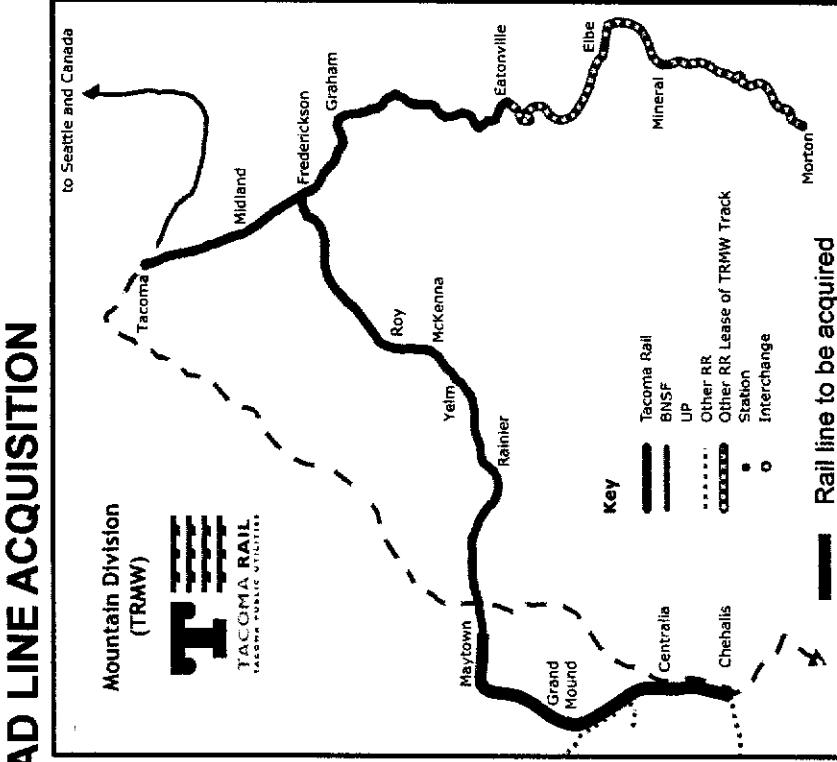
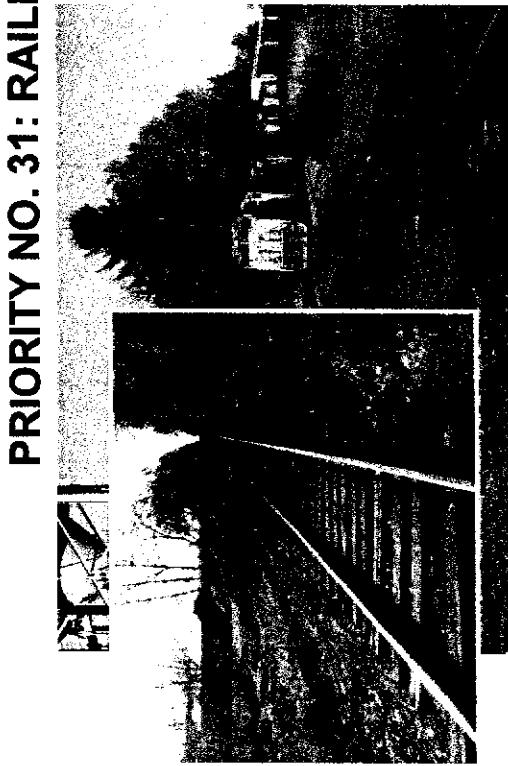


Funding:
Other Fed/State: \$1,444,000
Other-Local: \$722,000
Local: \$722,000
Total Funding: \$2,888,000

Basis for Project: Corridor improvements including: truck climbing lane, intersection improvements, traffic signals, and other related work.



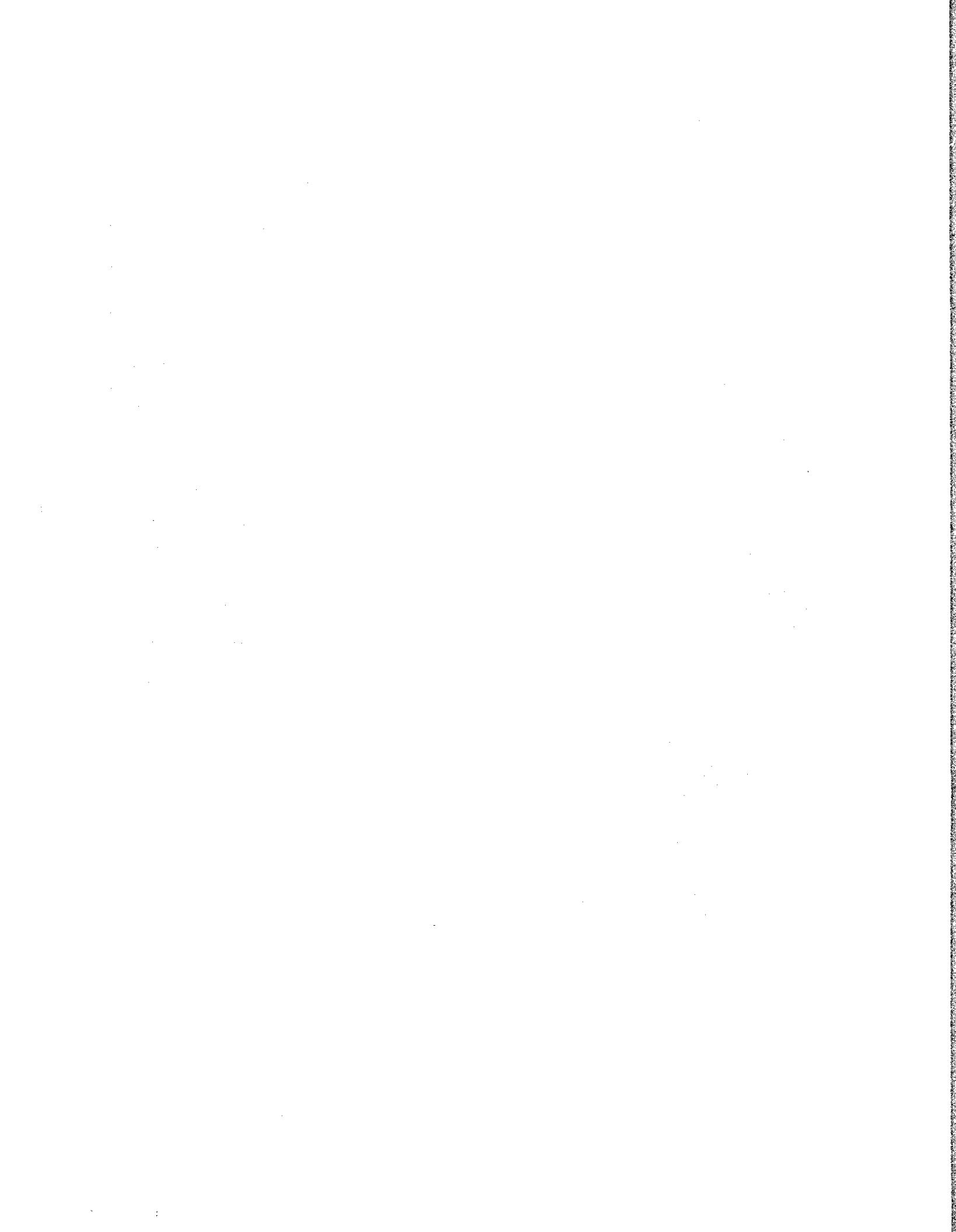
PRIORITY NO. 31: RAILROAD LINE ACQUISITION



Funding:

Other Local: \$1,000,000
Other Federal: \$2,000,000
Total Funding: \$3,000,000

Road Number:	
TIP Ranking:	
Priority Array Score:	Project Timeline:
Beginning Milepost: Chehalis	PE:
Ending Milepost: Maytown	ROW:
Total Mileage:	CONS:
Existing Conditions:	Proposed Conditions:
Lane Widths:	Lane Widths:
Shoulder Widths:	Shoulder Widths
Traffic Count:	
3 year accident History:	
<i>Property:</i>	
<i>Injuries:</i>	
<i>Fatalities:</i>	
Basis for Project: Acquisition of Tacoma Rail railroad line.	



Lewis County
Department of Public Works
Engineering Division

UNFUNDDED PROJECTS
FUTURE CONSTRUCTION

Six Year
Transportation
Improvement
Program
2016 - 2021

2016-2021 SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM

UNFUNDED

PROJECT COST IN THOUSANDS

NO.	PROJECT	ROAD NO.	MAINT. AREA	EMP	PROJECT LENGTH	2016			2017			2018			2019-2021			PROJECT FUNDING				
						ENG	R/W	CONST	ENG	R/W	CONST	ENG	R/W	CONST	ENG	R/W	CONST	LOCAL	FED	CAPP	RAP	OTHER
ADNA SCHOOL RD IMPROVEMENTS	24040	2	0.000	0.120													20	10	120	20	10	150
AIRPORT RD REHABILITATION (3R)	91026	1	1.768	2.833	1.084												5	0	281	5	0	288
ANDERSON RD REHABILITATION (3R)	75380	7	0.730	3.980	2.380												5	0	585	5	0	585
BAUGH RD REHABILITATION (3R)	78471	7	0.000	0.220	0.220												5	0	50	5	0	50
BENNETT RD REHABILITATION (3R)	70841	7	0.800	1.320	0.520												5	0	125	5	0	130
BERRY RD BRIDGE 163 SCOUR	32000	3	1.910														25	20	305	25	20	350
BLANKENSHIP RD REHABILITATION (3R)	81770	5	0.000	1.001													5	0	245	5	0	250
BLUE RD REHABILITATION (3R)	62750	5	0.000	0.325	0.325												5	0	70	5	0	76
BUNKER CREEK RD IMPROVEMENTS	24034	2	0.280	0.800	0.520												25	40	585	25	40	650
BUNKER CREEK RD REHABILITATION (3R)	24034	2	5.420	7.700	2.280												5	0	585	5	0	570
BUNKER CREEK RD REHABILITATION (3R)	24034	2	6.460	9.360	0.820												5	0	200	5	0	205
CERES HILL RD REHABILITATION	28001	2	5.700	6.110	0.410												5	10	498	5	10	498
CINEBAR RD WIDENING	86004	5	0.000	4.663	4.663												200	200	5429	200	200	5429
CLINE RD REHABILITATION (3R)	70801	7	4.780	9.547	4.787												5	0	1187	5	0	1187
COOKS HILL RD REHABILITATION	10021	1	1.650	2.160	0.510												25	25	588	25	25	588
COULLSON RD REHABILITATION (3R)	40012	5	0.000	2.057													5	0	506	5	0	514
DAVIS LAKE RD IMPROVEMENTS	78809	7	2.803	4.555	1.952												25	20	2395	25	20	2440
DULUOSH RD REHABILITATION (3R)	46033	5	0.000	2.047	2.047												5	0	607	5	0	607
EVANS RD IMPROVEMENTS	51052	5	2.000	2.330	0.330												20	20	373	20	20	373
FALLS RD REHABILITATION (3R)	75101	7	6.000	6.646	0.646												5	0	157	5	0	162
FIRECREST RD REHABILITATION (3R)	40007	5	0.000	0.284	0.284												5	0	80	5	0	80
GODFREY RD REHABILITATION (3R)	61690	5	0.240	0.482	0.252												6	0	58	5	0	58
GREEN MT RD REHABILITATION	62851	\$	3.595	4.395	0.800												35	35	930	35	35	930
GRIZZLY RD REHABILITATION (3R)	74091	7	0.020	0.260	0.240												5	0	55	5	0	55
HADALLER RD REHABILITATION (3R)	60310	5	0.000	1.170	1.170												5	0	289	5	0	289
HAMILTON RD REHABILITATION (3R)	40032	3	0.882	2.058	1.376												5	0	339	5	0	344
HOME ROAD REHABILITATION	58350	5	0.000	3.315	3.315												5	0	824	5	0	824
HYAK RD REHABILITATION	45014	5	0.100	0.630	0.530												30	30	803	30	30	803
JACKSON HIGHWAY REHABILITATION	94000	1	0.257	1.209	0.952												40	0	1150	40	0	1160
JOPPISH RD REHABILITATION (3R)	10017	1	0.360	0.560	0.140												5	0	251	5	0	251
JORGENSEN RD REHABILITATION (3R)	84007	6	2.000	3.335	0.535												5	0	129	5	0	134
KAHOUT RD REHABILITATION (3R)	25850	2	0.000	0.457	0.457												5	0	108	5	0	114
KEASLING RD REHABILITATION	40014	6	0.000	1.024	1.024												5	0	305	5	0	305
KING RD BRIDGE 149 SCOUR	36328	3	1.590														25	20	305	25	20	350
KIONA RD BRIDGE 224 SCOUR	75992	7	0.350														5	0	168	5	0	168
KIONA RD REHABILITATION (3R)	75992	7	0.360	1.050	0.890												5	0	168	5	0	173

2016-2021 SIX YEAR TRANSPORTATION IMPROVEMENT PROGRAM
UNFUNDED

NO.	PROJECT	ROAD NO.	MAINT. AREA	BMP	EMP	PROJECT LENGTH	2016			2017			2018			2019-2021			PROJECT COST IN THOUSANDS							
							ENG	R/W	CONST.	ENG	R/W	CONST.	ENG	R/W	CONST.	ENG	R/W	CONST.	ENG	R/W	CONST.	FED	CARR	RAP	OTHER	
	LEROY RD REHABILITATION (3R)	78750	7	0.000	0.373	0.373													6	0	88	5	0	68	69	
	LINCOLN CREEK RD BRIDGE 2B SCOUR	91015	1	8.570															25	20	305	26	20	305	350	
	MEADE HILL RD REHABILITATION	75450	7	0.612	2.450	1.818													80	80	2113	60	80	2113	2273	
	MESKILL RD IMPROVEMENTS	27820	2	0.000	1.170	1.170												20	10	1433	20	10	1433	1463		
	MIDDLE FORK ROAD REHABILITATION	45011	5	3.740	4.400	0.880												5	0	160	5	0	160	195		
	MINERAL HILL RD IMPROVEMENTS	78680	7	1.000	1.900	0.900												30	30	1065	30	30	1065	1125		
	MULLER RD REHABILITATION (3R)	26030	2	1.255	1.800	0.351												5	0	83	5	0	83	68		
	N MILITARY RD REHABILITATION	30082	3	0.000	5.790	5.790												250	250	6738	250	250	6738	7238		
	NISQUALLY WAY REHABILITATION (3R)	79180	7	0.000	0.410	0.410												5	0	98	5	0	98	103		
	OSBORN RD REHABILITATION (3R)	79121	7	0.000	1.037	1.037												5	0	259	6	0	259	264		
	PARADISE DRIVE REHABILITATION (3R)	79150	7	0.000	1.140	1.140												5	0	280	5	0	280	285		
	PETERS RD REHABILITATION (3R)	78400	7	1.860	4.874	2.914												6	0	724	5	0	724	728		
	PIGEON SPRINGS RD REHABILITATION	84022	5	0.000	2.538	2.538												5	0	630	6	0	630	635		
	PLEASANT VALLEY RD BRIDGE 161 SCOUR	30100	3	2.480														25	20	305	25	20	305	350		
	PLOEGMANS RD REHABILITATION (3R)	22803	2	0.000	0.270	0.270												5	0	63	5	0	63	68		
	ROSEBROOK RD REHABILITATION (3R)	45008	5	0.841	1.590	0.840												5	0	232	5	0	232	237		
	RUPP RD IMPROVEMENTS	50161	5	0.000	0.288	0.288												15	15	328	15	15	328	336		
	S. MILITARY RD REHABILITATION	30084	3	1.730	2.870	1.140												5	5	1415	5	5	1415	1425		
	S. MILITARY RD REHABILITATION (2)	30084	3	4.204	6.200	1.988												50	50	2985	50	50	2985	2945		
	SARBEAULT RD IMPROVEMENTS	56480	5	0.000	1.451	1.451												50	50	1714	50	50	1714	1814		
	SHORT ROAD REHABILITATION	63402	5	0.000	1.314	1.314												5	0	324	5	0	324	328		
	SWIGERT RD REHABILITATION (3R)	61455	5	0.000	1.162	1.162												5	0	280	5	0	280	291		
	TAUSCHER RD REHABILITATION (3R)	45016	5	0.000	1.109	1.108												5	0	272	5	0	272	277		
	TUNE RD REHABILITATION (3R)	40073	3	0.534	1.648	1.114												5	0	274	5	0	274	279		
	URQUHART RD REHABILITATION (3R)	34001	3	0.200	0.500	0.300												5	0	72	5	0	72	77		
	VAN HOESEN RD BRIDGE 2B SCOUR	66830	5	0.430														25	20	305	25	20	305	350		
	WALHAUPT RD REHABILITATION (3R)	46007	5	0.000	0.412	0.412												6	0	88	5	0	88	103		
	WILSON ROAD REHABILITATION	60980	5	0.000	0.655	0.655												5	0	158	5	0	158	164		
	YATES RD IMPROVEMENTS	40029	1	1.130	1.330	0.200												10	5	235	10	5	235	250		
	SUB TOTALS																									
	TOTALS																									

Lewis County
Department of Public Works
Engineering Division

ANNUAL CONSTRUCTION PROGRAM

**Six Year
Transportation
Improvement
Program
2016 - 2021**

ANNUAL CONSTRUCTION PROGRAM FOR 2016

WAC 136-16

(A) TOTAL CONSTRUCTION PROGRAM - column (14)+(15)
(B) PUBLISHED COUNTY FORCES LIMIT (see Instructions)
(C) TOTAL COUNTY FORCES CONST PROGRAM - column (15)

LEWIS
COUNTY >>
AGENCY ACTION:
DATE RECOMMENDED PROG. SUBMITTED
DATE OF ENVIRONMENTAL ASSESSMENT
DATE OF FINAL ADOPTION
ORDINANCE/RESOLUTION NO.
DATE OF AMENDMENT

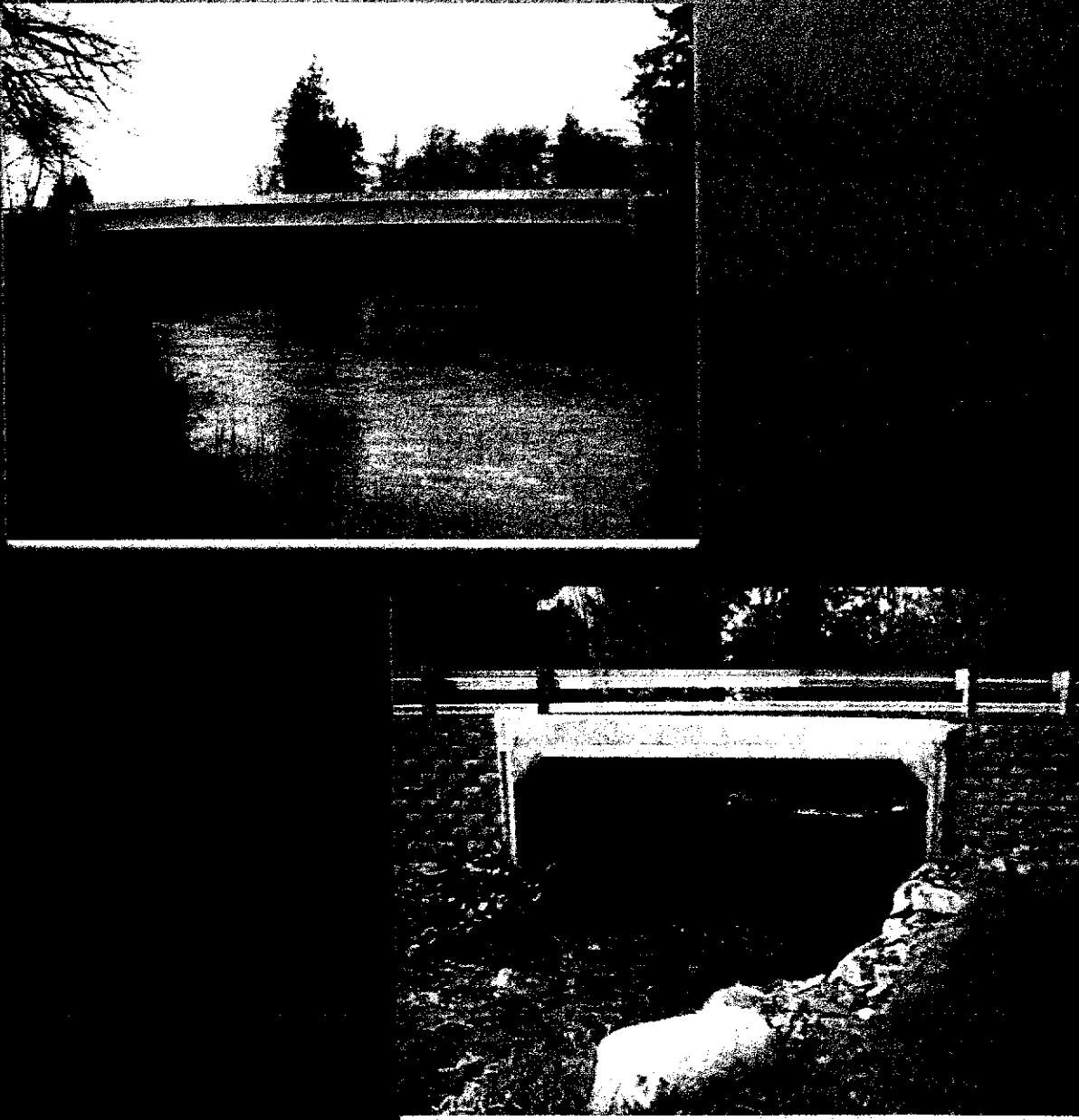
** Line (C) must be smaller than Line (B) **

(1) ITEM NUMBER ROAD PROGRAM ITEM NO.	(2) 6 YEAR ROAD PROGRAM LOG NO.	(3) ROAD LOG NO.	(4) ROAD/PROJECT NAME AND LOCATION (Include brief termini description or MP's, Bridge #)	(5) PROJECT LENGTH (Miles)	(6) FUNCTIONAL CLASS	WORK CODE(S) (7)	ENVIRONMENTAL ASSESSMENT (8)	SOURCES OF FUNDS DOLLARS			PRELIM. & CONST., ENGRNG 585.10	RIGHT OF WAY 585.20	CONTRACT	COUNTY FORCES	GRAND TOTAL ALL \$85.	(16)
								(9)	(10)	(11)						
01	1	-	Countywide Bridge/Road Bank Protection (Various Roads)	-	-	ABCK	I	100,000	445,000	BRAC	25,000	520,000			545,000	
02	2	-	Countywide Culvert Replacement (Various Roads)	-	-	ABCL	S	7,000	8,000	SRF	15,000	100,000	100,000	100,000	15,000	
03	3	25470	Countywide 3R Program (Various Roads) Roundtree Road Slide Repair (MP 0.740 - 0.841)	0.10	-	BCD ABC	E E	891,086 100,000	473,914	CAPP	60,000	6,000	1,000,000	100,000	1,165,000	
04	4	-	Countywide Misc. Safety & Guardrail (Various Roads)	-	-	G	E	300,000			45,000	5,000	225,000	25,000	300,000	
05	5	-	Federal Forest Road Improvements	-	-	ABCD	I	204,000	680,000	FLAP	97,000	797,000			864,000	
06	6	83006	Highway 803 Stabilization (MP 11.70 - 13.42)	1.72	07	ABD	I	3,517,000	1,578,000	RAP/STP			5,085,000	10,000	5,085,000	
07	7	10019	Lincoln Creek Bridge No. 31 Replacement (MP 11.91)	-	09	I	S	172,000	688,000	BRAC			880,000		880,000	
08	8	-	County Safety Program - Phase II (Various Roads)	-	-	G	E	10,000	1,215,000	HSIP			99,000		1,225,000	
09	9	-	North County Industrial Access (To Be Determined)	-	-	ABDG	I	27,000	273,000	.09 DCF			300,000		300,000	
10	10	94001	Centralia Alpha Road Improvements (MP 10.60 - 12.30)	1.70	07	ABDG	I	172,000	465,000	RAP/STP			500,000	100,000	637,000	
11	11	17912	Wigley Road Improvements (MP 0.720 - 1.033)	0.31	09	ABDG	I	30,000			20,000	10,000			30,000	
12	12	48000	North Fork Road Realignment (MP 2.07 - 4.05)	1.35	08	ABDG	I	59,000	81,000	RAP			90,000	50,000	140,000	
13	13	62850	Swoford Road Rehabilitation (MP 0.000 - 1.777)	1.78	08	ABDG	I	15,000			10,000	5,000			15,000	
14	14	94006	Rush Road Improvements (MP 2.800 - 3.164)	0.56	16	ABD	I	25,000		OTHER			25,000		25,000	
15	15	61451	Boyd Road Rehabilitation (MP 0.00 - 1.14)	1.14	09	ABC	I	10,000					10,000		10,000	
16	16	61450	Isbell Road Rehabilitation (MP 0.000 - 1.41)	1.41	09	ABC	I	10,000					10,000		10,000	
17	21	-	Mickelsen Parkway (MP 0.000 - 0.70)	0.70	-	ABDG	S	10,000								

Lewis County
Department of Public Works
Engineering Division

ANNUAL BRIDGE REPORT

Six Year
Transportation
Improvement
Program
2016 - 2021



2015 Annual Bridge Report

Prepared by Lewis County Public Works

Engineering Services Bridge Department
Submitted September 2015

Cover Photos Chandler Bridge and Godfrey Road Culvert

Chandler Bridge #55, built in 2011, is located
east of Doty off Hwy 6 over the Chehalis River.

Godfrey Road Culvert #205 in Mossyrock, was constructed August 2014 by county forces.

Credits

Don Carney, Senior Engineer

Joe Byers, Inspector

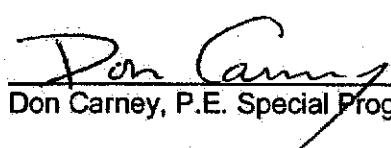
Dave Christian, Asst. Inspector


Tim Elsea, P.E., Director \ County Engineer

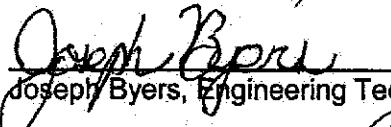
10/15/15
Date


Tim Fife, P.E., Assistant County Engineer

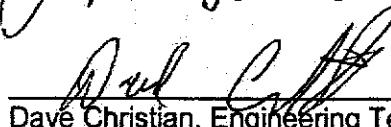
9-28-15
Date


Don Carney, P.E. Special Programs \ Construction Engineer

9-25-15
Date


Joseph Byers, Engineering Tech. IV, Lead Bridge Inspector

9-25-15
Date


Dave Christian, Engineering Tech. III, Assistant Bridge Inspector

9-25-15
Date

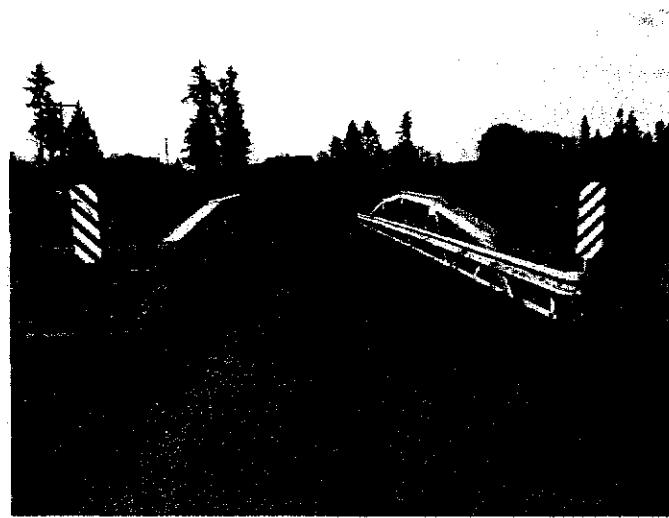
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Coughlin Bridge #36

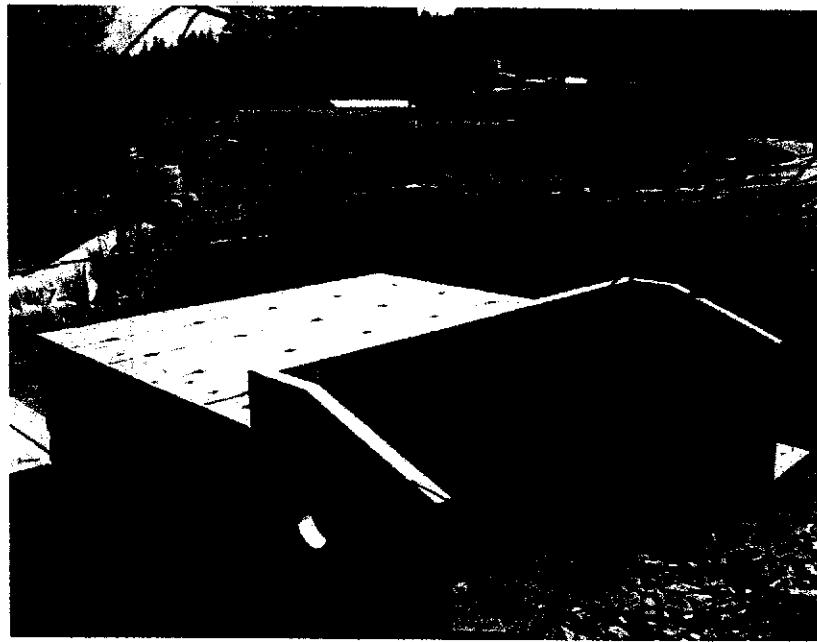


Coughlin Bridge #36 in Onalaska, with wood deck before improvements

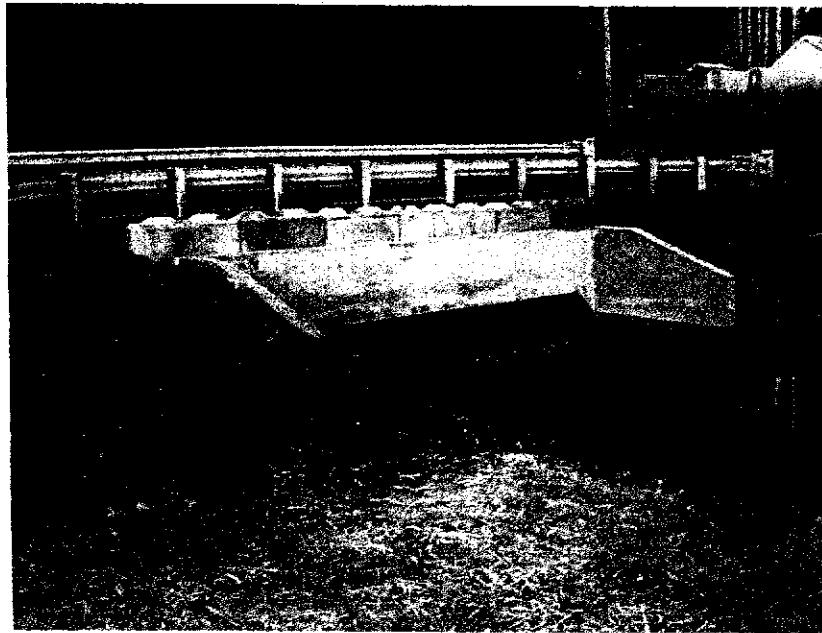


Coughlin Bridge #36 in Onalaska, with steel deck after epoxy overlay

Wildwood Bridge #83



Wildwood Culvert M.P. 2.99 replacement - mid-construction.



Wildwood Bridge #83 M.P. 2.99 replacement - post-construction

A scour code is also used for bridges with unknown foundation specifics. Bridges acknowledged with unknown foundations are generally the bridges built in the pre-1960's in Lewis County. The plans for these bridges do not exist. Therefore, pile tip elevations are unknown or elevation at bottom of spread footings which make these structures scour critical.

Lewis County has one pedestrian bridge which is parallel to Airport Road Bridge. This bridge is open to foot traffic as well as bicyclists. This foot bridge is a steel structure and is inspected biennially, and included in bridge inventory.

See Appendix A for a complete list of Lewis County bridges.

Short Span Bridges

The Highway Bridge Replacement and Rehabilitation Program (HBRRP) excludes short span bridges (span length of 20 feet or less) from receiving federal funding. Of 220 structures in Lewis County's inventory, 17 are classified as short span bridges (see Appendix A for a list).



Short span Conrad Bridge #151, built in 1957 is one of 17 short span bridges in Lewis County.



Newaukum Bridge #20 on Jackson Highway near Napavine, built in 2012.

Other Local Agency Bridges

The Lewis County Engineering Services Division provides inspection services to other political subdivisions upon request. The county currently works with three cities and one county under inter-local agreements (ILA), with conditions set forth in the Revised Code of Washington (RCW) Chapter 39.34. The county's services are provided primarily to other agencies that lack resources and expertise to inspect and maintain their bridge inventory. In 2014-2015 the county provided inspection services on 27 bridges for local agencies.

Agency bridges served by Lewis County include:

Local Agency Bridges Served by Lewis County	
1	City of Napavine
2	City of Pe Ell
2	City of Winlock
22	Wahkiakum County

UBIT inspections enable the inspector to be within a hands' reach of bridge elements not accessible by foot.

Lewis County Engineering staff is investigating the cost to purchase an under bridge inspection trailer. The trailer will be used to inspect several bridges presently being done with the rented UBIT owned by City of Seattle. Some bridges which have had cursory reviews due to their height from the ground or long spans over water could be inspected much closer with the trailer. The trailer would also be used by extensively by Lewis County Maintenance crews to perform needed bridge maintenance, repairs and cleaning.



Skate Creek Bridge South # 12, built in 1953 in Packwood.

Bridge Load Ratings

Lewis County is currently in the process of working with Berger ABAM, a consultant engineering firm, to update load ratings for the following bridges:

Wildwood # 5 MP 0.05, Galvin # 75 MP 1.55, Frase # 200 MP 0.22, Pleasant Valley # 164 MP 5.45, Stover # 174 MP 0.03, Osborn # 115 MP 0.27, Leonard # 199 MP 2.52, Jackson Hwy S # 105 MP 1.01, Ceres Hill # 102 MP 0.79, Lincoln Creek # 22 MP 1.02, North Fork # 66 MP 0.35, Middle Fork # 58 MP 0.41, Rush # 79 MP 1.84, Ingalls # 30 MP 2.11,

and Nelson # 40 MP 0.16.

These bridges are being evaluated to ensure Lewis County is in compliance with National Bridge Inspection Standard (NBIS) requirements to meet posting provisions to determine safe live load capacity on all unrestricted loads. Special Haul Vehicles (SVH) as defined by AASHTO Manual for Bridge Evaluation (MBE) for load ratings and posted bridges have been recently added to the load rating requirements.

FHWA has established a time line to be met with compliance by all agencies. These time lines are as follows:
(excerpted from Federal Highway Administration's Load Rating of Specialized Hauling Vehicles dated Nov. 15, 2013)

Group 1: Bridges with the shortest span not greater than 200 feet should be re-rated after their next NBIS inspection, but no later than December 31, 2017, that were last rated by:

- a) either Allowable Stress Rating (ASR) or Load Factor Rating (LFR) method and have an operating rating for the AASHTO Routine Commercial Vehicle either Type 3, Type 3S2, or Type 3-3 less than 33 tons (English), 47 tons (English), or 52 tons (English) respectively; or
- b) Load and Resistance Factor Rating (LRFR) method and have a legal load rating factor for the AASHTO Routine Commercial Vehicle, either Type 3, Type 3S2 or Type 3-3, less than 1.3.

Group 2: Rate those bridges not in Group 1 no later than December 31, 2022.

For either group, if a re-rating is warranted due to changes of structural condition, loadings, or configuration, or other requirements, the re-rating should include SHVs.

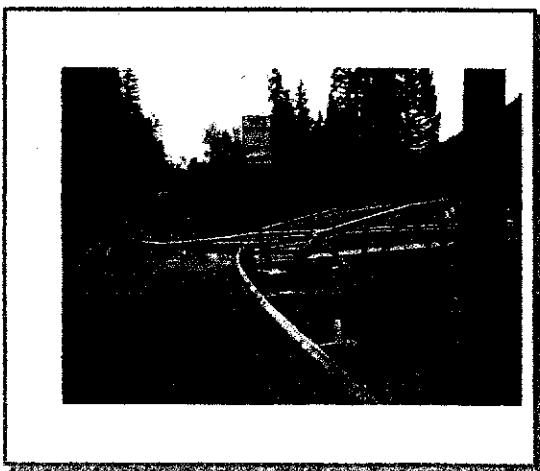
Load Width and/or Height Restricted Bridges

Each bridge is required to have a "Load Rating" calculation. The Load Rating establishes how much weight the bridge can carry for several standard configurations of vehicle axle loads.

During the 2014 inspection cycle, no bridges were added to the load restriction list. As of December 31, 2014, Davison #1 & Townsend # 223 are the only two load restricted bridges in Lewis County's inventory currently posted.

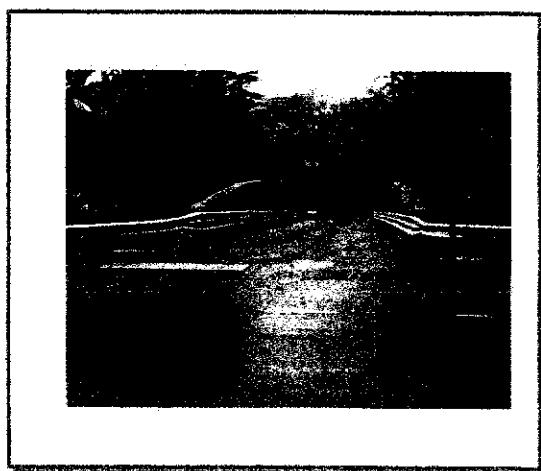
Bridges that have traffic portals of 15 feet or less in height are required to be posted with height restrictions, bridges with weight restrictions are load posted, and some bridges have width restrictions. Big Hanaford Road has an overhead mine conveyor belt bridge posted 14'8". See Exhibit B for bridges with height, width and load restrictions.

Davison Bridge # 1 is posted for weight restrictions.



Ferrier Bridge # 93 is posted with height restrictions.

Davison Bridge # 1 just off Highway 508



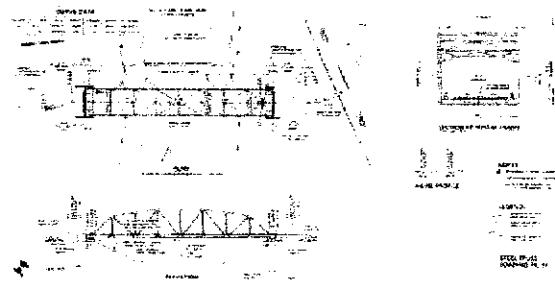
Bridge Replacement and Rehabilitation Plan for Deficient Bridges

In 2013-2014, the county repaired and removed load restrictions on three fracture critical bridges: Ferrier #93, Hendrickson #99 and Coughlin #36. Ferrier Bridge and Hendrickson Bridge were analyzed by Exeltech Engineering to improve the currently undersized or deteriorated steel members to strengthen the bridge and remove the load posting. A similar tactic was taken during the deck replacement of Coughlin Bridge with the result of being able to remove its load posting.

The following are current projects scheduled for replacement or repair. Lists of future replacement / rehabilitation candidates, including short-span bridges, are shown in Exhibit C.

2015 Replacement Projects:

Leudinghaus (Mays) Bridge # 87



Leudinghaus Road MP 0.02 Bridge No. 87 structure was lost during the December 3, 2007 flood event. This structure was built in 1922 and was 130 feet long with a 25-foot concrete approach span. This was a through steel truss structure with a timber deck on concrete abutments. Lewis County is currently replacing this structure with funding from FEMA. Hatchery Road approximately 0.5 miles upstream of the old bridge was identified as a more suitable crossing location. Construction date began July of 2014. The new bridge will also be a through steel truss structure. It will be 200 feet in length with a concrete deck. Mays Bridge will utilize drilled shafts on both the north and south side as part of

its sub-structure for strength, longevity and seismic integrity. Project completion is scheduled for December 2015.

Lincoln Creek Bridge #31 MP 11.91 Replacement

Lincoln Creek Bridge was built in 1954. It is currently rated a scour critical bridge. The bridge was restricted to one lane due to the undermining of the Pier 2 footing. A temporary repair was performed by County forces to prevent further scour and bridge failure. Replacement of this bridge is scheduled for construction in 2016 with BRAC funding.

2015 Scour Repair Projects

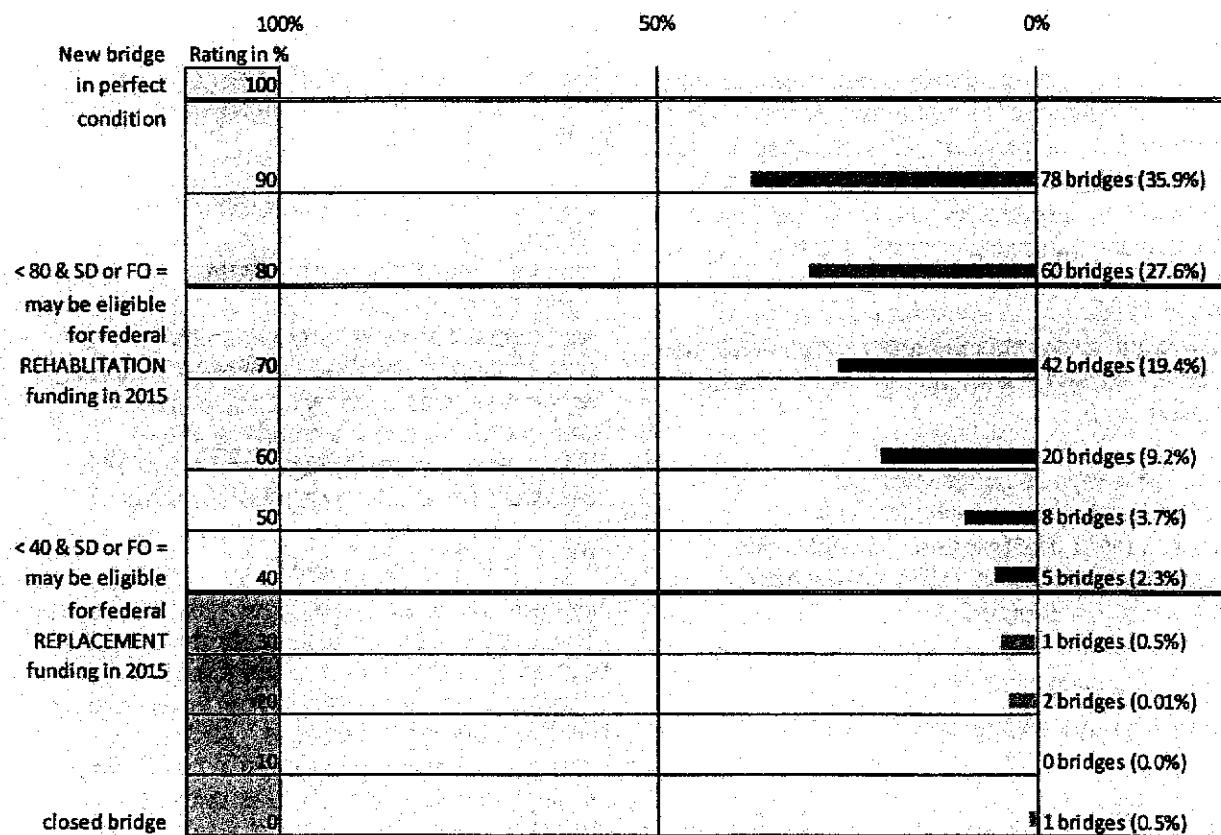
The federally mandated scour evaluations were completed in 1997, and records from data of past bridge reports and information taken from soundings performed show that Lewis County has 50 scour critical bridges. Additional inspection is required at scour critical bridges. During the inspection of these bridges, soundings are taken and a streambed cross-section is developed to monitor the thalweg and migration of the channel. Scour critical bridges are inspected during or immediately after flood events.

Pe Ell McDonald #63 MP 8.68



Pe Ell McDonald Bridge No. 63 is currently rated a scour critical bridge. Footings are exposed at each in-water pier. Project repair includes riprap placement at piers and face of the footings to prevent further scour.

Lewis County Bridge Sufficiency Ratings - 2014



SD = structurally deficient | FO = functionally obsolete

WINLOCK-1 at FIR STREET / OLEQUA is a closed bridge, this bridge is in Lewis County's bridge inventory but owned by the City of Winlock.

Maintenance and Repair Recommendations

The majority of bridge repair and maintenance work is done by county crews, with support from various vendors. This work includes: cleaning, minor painting, and replacing existing components which have deteriorated (see Exhibit D). Other routine maintenance may include minor fascia repairs in wing walls, retaining walls, asphalt approaches, concrete repair, and bridge cleaning.

Major repair expected in 2016, include wing wall tie backs for Ingalls Road, Bridge #30 MP 2.11.



Bridges with Scour Concerns

King Road MP 1.59 Bridge No. 149

Lincoln Creek Road MP 11.91 Bridge No. 31

Oyler Road MP 3.24 Bridge No. 201

Van Hoesen Road MP 0.43, Bridge No. 202

Kiona Road MP 0.35 Bridge No. 224

Pleasant Valley Road MP 2.46 Bridge No. 161

All scour bridges will be monitored for further scour.



Exhibit D - Work Orders Completed in 2014

Bridge #	Name	Date Noted #	Comments
74	Logan Hill	3/17/14	Repair rip rap SE corner.
75	Galvin	3/18/14	Reattach drain pipes at drains.
58	Middle Fork	2/18/14	Remove debris/drift.
159	Taylor	2/18/14	Clean moss from curb.
183	Stowell	2/18/14	Clean moss from curb
69	Shorey	2/28/14	Remove debris/drift.
31	Lincoln Creek	9/8/2015	Placed concrete and rip rap to prevent further scour

Glossary of Bridge Terms

Abutment – a substructure supporting the end of a single span, or the extreme end of a multi-span super-structure and, in general, retaining or supporting the bridge approach fill.

Approach span – the span or spans connecting the abutment with the main span or spans.

Back wall – the top-most portion of an abutment functioning primarily as a retaining wall to contain approach roadway fill.

Beam – a linear structural member designed to span from one support to another.

Bent – a supporting unit of the beams of a span made up of one or more column or column-like members connected at their top-most ends by a cap, strut, or other horizontal member.

Box Girder – a support beam that is a hollow box; its cross-section is a rectangle or square.

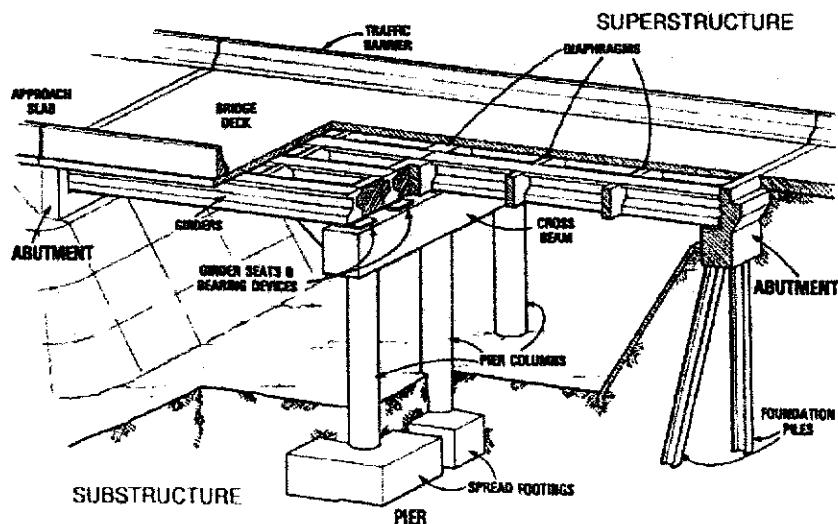
Bracing – a system of tension or compression members, or a combination of these, connected to the parts to be supported or strengthened by a truss or frame. It transfers wind, dynamic, impact, and vibratory stresses to the substructure and gives rigidity throughout the complete assemblage. Can also refer to diagonal members that tie two or more columns of a bent together.

Cap – the horizontally-oriented, top-most piece or member of a bent serving to distribute the beam loads upon the columns and to hold the beams in their proper relative positions.

Cast-in-Place – concrete poured within form work on site to create a structural element in its final position.

Catwalks – temporary foot bridges, used by bridge inspection personnel.

Basic bridge parts



Member – an individual angle, beam, plate, or built piece intended to become an integral part of an assembled frame or structure.

Oscillation – a periodic movement back and forth between two extreme limits. An example is the string of a guitar that has been plucked. Its vibration back and forth is one oscillation. A vibration is described by its size (amplitude), its oscillation rate (frequency), and its timing (phase). In a suspension bridge, oscillation results from energy collected and stored by the bridge. If a part of the bridge has to store more energy than it is capable of storing, that part will probably fail.

Pier – a structure comprised of stone, concrete, brick, steel, or wood that supports the ends of the spans of a multispan superstructure at an intermediate location between abutments. A pier is usually a solid structure as opposed to a bent, which is usually made up of columns.

Pile – a linear (vertical) member of timber, steel, concrete, or composite materials driven into the earth to carry structure loads into the soil.

Pile bent – A row of driven or placed piles with a pile cap to hold them in their correct positions; see "Bent."

Plate girder – a large, solid web plate with flange plates attached to the web plate by flange angles or fillet welds. Typically fabricated from steel.

Post or column – a member resisting compressive stresses, in a vertical or near vertical position.

Pre-cast girder – fabricated off site of Portland Cement Concrete, reinforcing steel and post-tensioning cables. These girders are shipped to the construction site by truck and hoisted into place by cranes.

Reinforced concrete – concrete with steel reinforcing bars bonded within it to supply increased tensile strength and durability.

Scour – erosive action of removing streambed material around bridge substructure due to water flow. Scour is of particular concern during high-water events.

Short span bridge – these bridges have a single NBIS span length of 20 feet or less. They are typically supported by timber piles or shallow concrete footings.

Soffit – the underside of the bridge deck or sidewalk.

Spall – a concrete deficiency wherein a portion of the concrete surface is popped off from the main structure due to the expansive forces of corroding steel rebar underneath. This is especially common on older concrete bridges.

Span – The distance between piers, towers, or abutments.

Steel – A very hard and strong alloy of iron and carbon.

Stringer – a longitudinal beam (less than 30 feet long) supporting the bridge deck, and in large bridges, framed into or upon the floor beams.

Sufficiency rating – the sufficiency rating is a numeric value from 100 (a bridge in new condition) to 0 (a bridge incapable of carrying traffic). The sufficiency rating is the summation of four calculated values: Structural Adequacy and Safety, Serviceability and Functional Obsolescence, Essentiality for Public Use, and Special Reductions.

APPENDIX A

2015 Lewis County | 17 Short Span Bridges

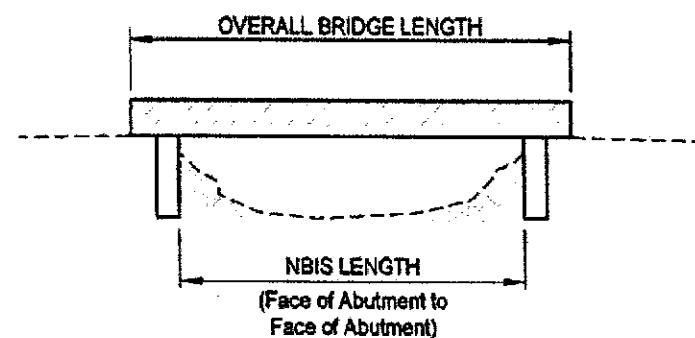
2015 Lewis County | 8 Culverts

2015 Lewis County Bridge Inventory

2015 Other Agency Inventory

2015 Lewis County | 17 Short Span Bridges

134	LOGAN HILL MP 0.10	11	24	2	1004	1954	2
208	ISBELL MP 0.17	14	20	2	246	1958	3
151	CONRAD MP 1.98	15	20	2	77	1957	4
121	INGALLS MP 0.22	16	20	2	217	1956	35
140	KATULA MP 0.05	16	20	2	74	1952	N/A
26	TEAGUE MP 0.57	17	20	2	46	1956	N/A
182	PETERS CREEK MP 0.19	17	24	2	19	1964	N/A
57	SALZER VALLEY MP 3.27	18	28	2	427	1984	6
85	JORGENSEN MP 1.82	18	24	2	520	1961	9
175	SILVERBROOK MP 5.34	18	23	2	62	1969	6
217	PETERS MP 0.62	18	24	2	279	1964	8
43	BIG HANAFORD MP 0.67	20	32	2	875	1985	9
73	PATEE MP 0.82	20	30	2	77	2007	99
86	LITTLE HANAFORD MP 5.08	20	29	2	176	1997	99
133	JACKSON HWY MP 1.96	20	36	2	4086	1976	6
157	COAL CREEK MP 1.72	20	30	2	873	1976	12
202	VAN HOESN MP 0.43	20	20	2	62	1957	99



Short span bridges

Bridges with an NBIS length of 20 feet or less are classified as short span bridges and are not eligible for BRAC funding under the current federal funding policy. There are currently no short span bridges recommended for replacement or rehabilitation.

2015 Lewis County Bridge Inventory

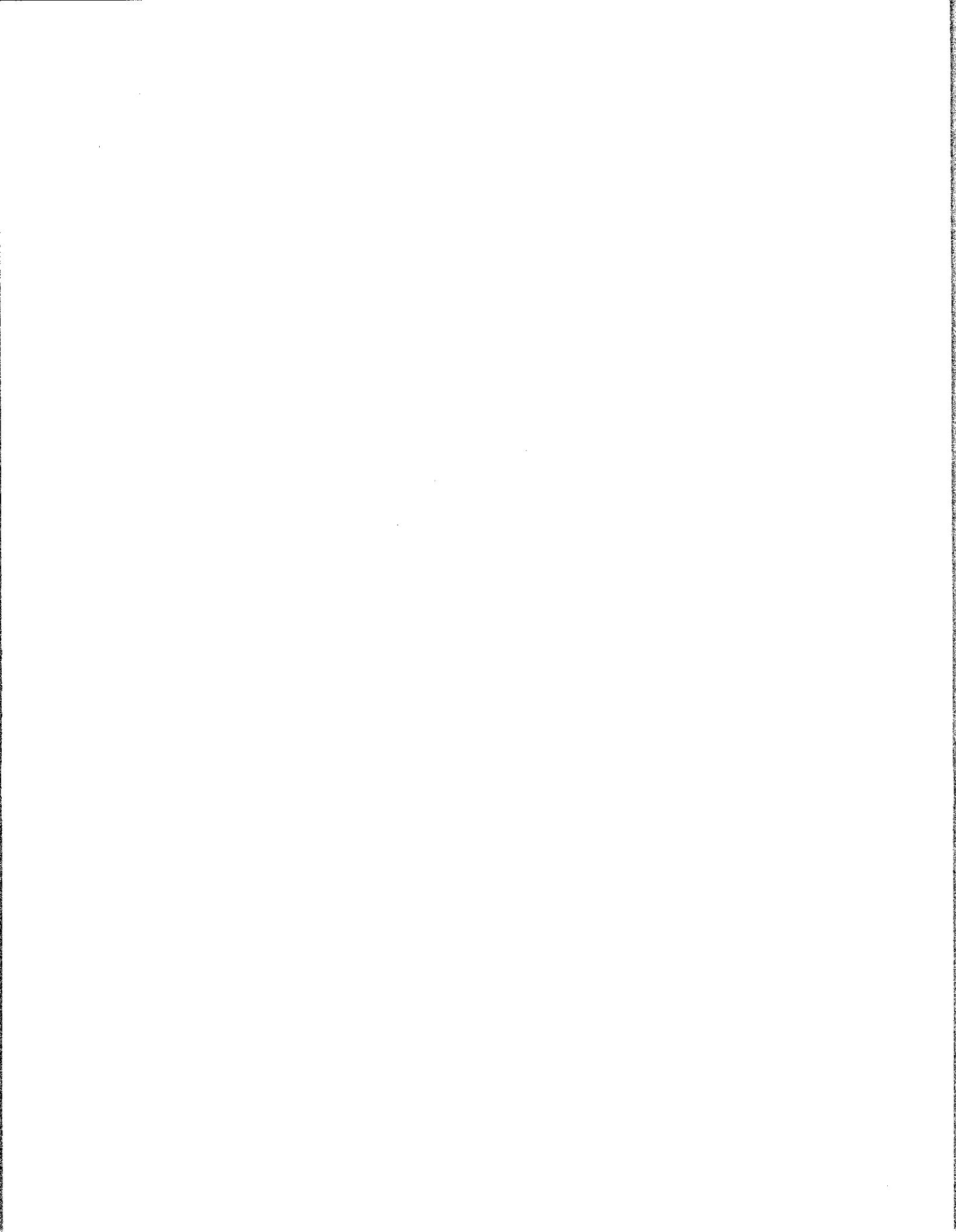
1	DAVISON MP 0.01	101	17	2	167	1964	N/A
2	HOLCOMB MP 0.81	25	29	2	151	1940	6
3	WILDWOOD MP 10.14	124	22	2	279	1955	36
4	ELK CREEK MP 2.84	54	14	1	125	1977	N/A
5	WILDWOOD MP 0.05	150	24	2	199	1962	36
6	LOST VALLEY MP 0.29	180	28	2	147	1995	10
7	NEWAUKUM VALLEY MP 2.38	24	24	2	124	1950	7
8	HINING MP 0.23	76	24	2	46	1957	1
9	MASCHKE MP 0.03	120	26	2	46	1974	N/A
10	WILDWOOD MP 5.19	204	22	2	160	1955	36
11	TWIN OAKS MP 1.37	34	24	2	572	1950	7
12	SKATE CREEK MP 0.53	392	26	2	1410	1964	79
13	AIRPORT MP 1.42	61	25	2	606	1952	2
14	BIG HANAFORD MP 9.50	70	30	2	31	2003	N/A
15	WILDWOOD MP 4.81	130	28	2	160	1970	36
16	BRIM CREEK MP 0.23	95	24	2	106	1960	6
17	KIRKLAND MP 0.31	223	28	2	483	1973	2
18	CHANDLER MP 1.37	158	24	2	53	1962	3
19	GOODRICH MP 0.50	154	24	2	160	1961	N/A
20	JACKSON HWY MP 4.49	179	40	2	2542	2011	8
21	HOWE MP 2.60	31	30	2	76	2003	5
22	LINCOLN CREEK MP 1.02	144	30	2	568	1976	35
23	HADALLER MP 0.42	112	26	2	275	1961	N/A
24	TEAGUE MP 0.08	68	24	2	42	1964	N/A
25	BOISTFORT MP 1.09	204	24	2	415	1958	7
26	TEAGUE MP 0.57	17	20	2	46	1956	N/A
27	TAUSCHER MP 1.99	49	24	2	114	1951	4
28	LINCOLN CREEK MP 8.57	87	30	2	254	1977	35
29	LINCOLN CREEK MP 9.83	120	28	2	233	1997	35
30	INGALLS MP 2.11	50	22	2	167	1953	35
31	LINCOLN CREEK MP 11.91	49	24	2	162	1954	N/A
32	HARRISON AVE MP 2.54	69	40	2	8672	1979	11
33	FALLS MP 3.12	102	31	2	115	2004	N/A
34	GARRARD CREEK MP 0.07	73	24	2	139	1968	22
35	GARRARD CREEK MP 0.22	40	24	2	139	1965	22

75	GALVIN MP 1.55	400	28	2	1694	1969	10
76	ANDERSON MP 0.05	26	30	2	39	2009	N/A
77	SENN MP 0.89	60	24	2	25	1966	2
78	LABREE MP 1.18	180	28	2	593	1970	3
79	RUSH MP 1.84	238	28	2	5200	1975	6
80	HYPPA MP 0.01	73	24	2	23	1968	N/A
81	KRUGER MP 0.69	25	18	2	217	1950	N/A
82	BLANCHARD MP 0.87	32	28	2	126	1987	2
83	WILDWOOD MP 2.99	30	25	2	222	2013	N/A
84	PIGEON SPRINGS MP 1.95	32	18	2	37	1954	N/A
85	JORGENSEN MP 1.82	18	24	2	520	1961	9
86	LITTLE HANAFORD MP 5.08	20	29	2	176	1997	N/A
89	BOISTFORT MP 4.59	440	28	2	665	1982	29
90	NORTH FORK MP 0.70	300	34	2	951	2000	6
91	NORTH FORK MP 6.11	161	24	2	512	1962	N/A
92	CHILVERS MP 1.55	28	30	2	863	1980	4
93	FERRIER MP 3.49	153	18	1	166	1988	5
94	NORTH FORK MP 7.19	175	25	2	153	1963	N/A
95	NORTH FORK MP 4.83	145	28	2	512	1980	3
96	JORGENSEN MP 0.45	170	28	2	786	1996	9
97	GISH MP 0.03	170	28	2	476	1996	8
98	GUERRIER MP 0.01	170	28	2	191	1996	N/A
99	HENDRICKSON MP 0.03	157	18	2	76	1979	N/A
100	WINLOCK VADER MP 0.26	116	24	2	1625	1928	2
101	TAUSCHER MP 2.64	123	28	2	154	1991	4
102	CERES HILL MP 0.79	200	16	2	76	1948	13
103	DEEP CREEK MP 3.18	53	30	2	74	1978	N/A
104	TOOLEY MP 0.84	118	28	2	123	1977	5
105	JACKSON HWY SO. MP 1.01	217	34	2	1342	1981	5
106	DEEP CREEK MP 3.44	50	30	2	47	1978	N/A
107	CANNON MP 2.01	110	28	2	551	1976	N/A
108	JONES MP 0.06	130	24	2	9	2004	N/A
109	MINERAL Creek MP 1.21	200	28	2	235	2005	N/A
110	CARR MP 2.74	24	39	2	39	2009	N/A
111	SILVERBROOK MP 2.61	130	34	2	309	2006	1
112	GALVIN MP 1.23	382	28	2	1515	1993	10
113	KOLLOCK MP 0.19	95	14	1	19	1977	N/A
114	ROCK CREEK	76	14	1	13	1985	N/A

157	COAL CREEK MP 1.72	20	30	2	873	1976	12
158	COAL CREEK MP 1.81	30	30	2	873	1976	12
159	TAYLOR MP 0.45	30	20	2	81	1954	N/A
160	HENRIOT MP 0.48	32	39	2	311	1975	5
161	PLEASANT VALLEY MP 2.46	32	28	2	474	1982	5
162	PLEASANT VALLEY MP 2.91	53	28	2	474	1987	5
163	BERRY MP 1.91	55	16	1	23	1994	N/A
164	PLEASANT VALLEY MP 5.45	80	32	2	318	1975	2
165	BROWN WEST MP 0.34	28	25	2	168	1969	1
166	BROWN WEST MP 0.11	28	18	2	168	1950	1
167	HAYWIRE MP 2.80	24	24	2	162	1963	5
171	SCHEUBER MP 3.45	29	30	2	591	1978	11
172	SARGENT MP 1.33	74	28	2	500	1972	5
173	MAGNUS MP 0.10	40	28	2	70	1985	N/A
174	STOVER MP 0.03	68	24	2	62	1967	N/A
175	SILVERBROOK MP 5.34	18	23	2	62	1969	6
176	CEDAR CREEK MP 1.87	59	30	2	39	1977	N/A
177	SILVERBROOK MP 4.07	52	28	2	104	1975	3
178	NICHOLSON MP 0.45	33	24	2	42	1972	N/A
180	COLLINS MP 0.48	30	24	2	285	1962	3
182	PETERS CREEK MP 0.19	17	24	2	19	1964	N/A
183	STOWELL MP 1.42	32	24	2	278	1960	6
185	BAKER MP 0.58	112	20	2	28	1936	1
186	BAKER MP 0.70	72	20	2	28	1936	N/A
187	JACKSON HWY MP 12.36	27	36	2	870	1978	8
188	SCHMIT MP 1.73	65	21	2	24	1953	N/A
189	JACKSON HWY MP 12.40	27	36	2	870	1978	8
190	TOLEDO SALMON CK MP 3.33	87	14	1	106	1977	N/A
191	JACKSON HWY MP 12.12	27	36	2	870	1926	8
192	JACKSON HWY MP 14.00	48	30	2	933	1926	8
193	SKATE CREEK S. MP 0.45	92	27	2	1123	1955	75
194	WALKER MP 0.68	24	20	2	66	1957	3
196	MANDY MP 2.02	78	20	2	55	1953	4
197	SPENCER MP 5.38	24	28	2	375	1970	9
198	TUCKER MP 0.01	33	32	2	1135	1974	9
199	LEONARD MP 2.52	32	26	2	1037	1962	4
200	FRASE MP 0.22	53	19	2	14	1967	N/A

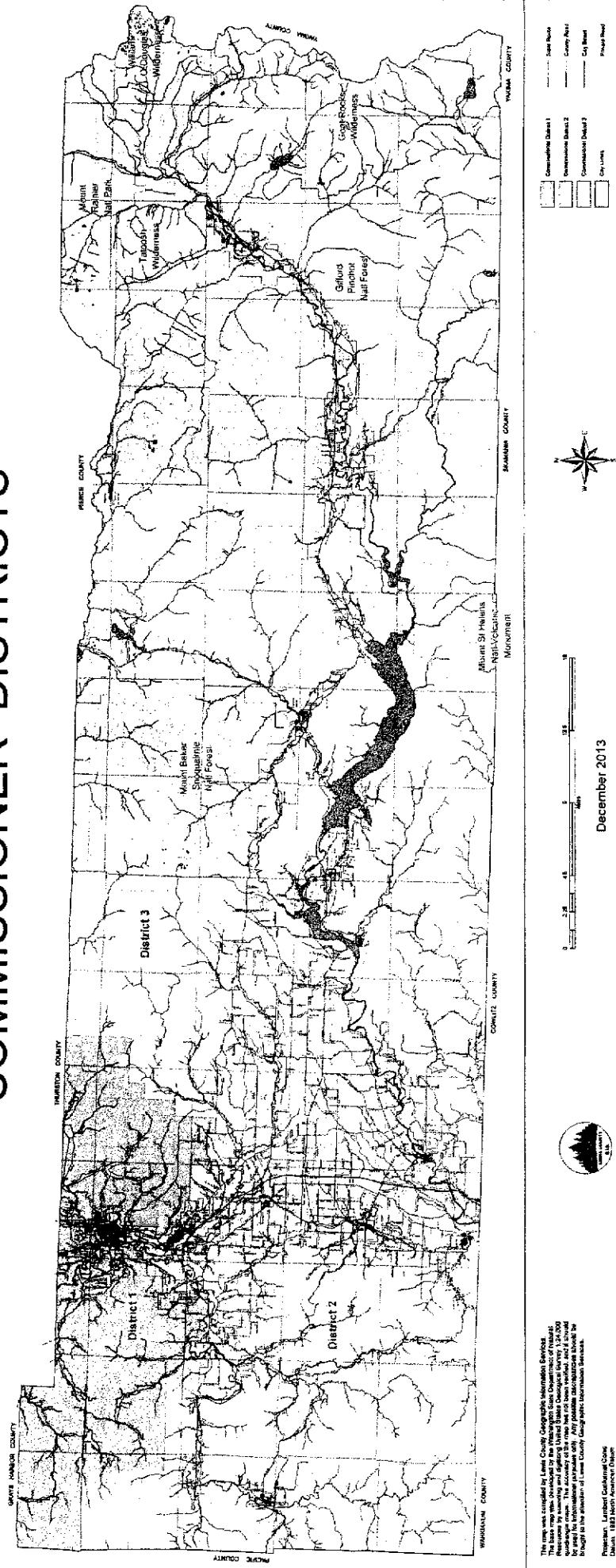
APPENDIX B

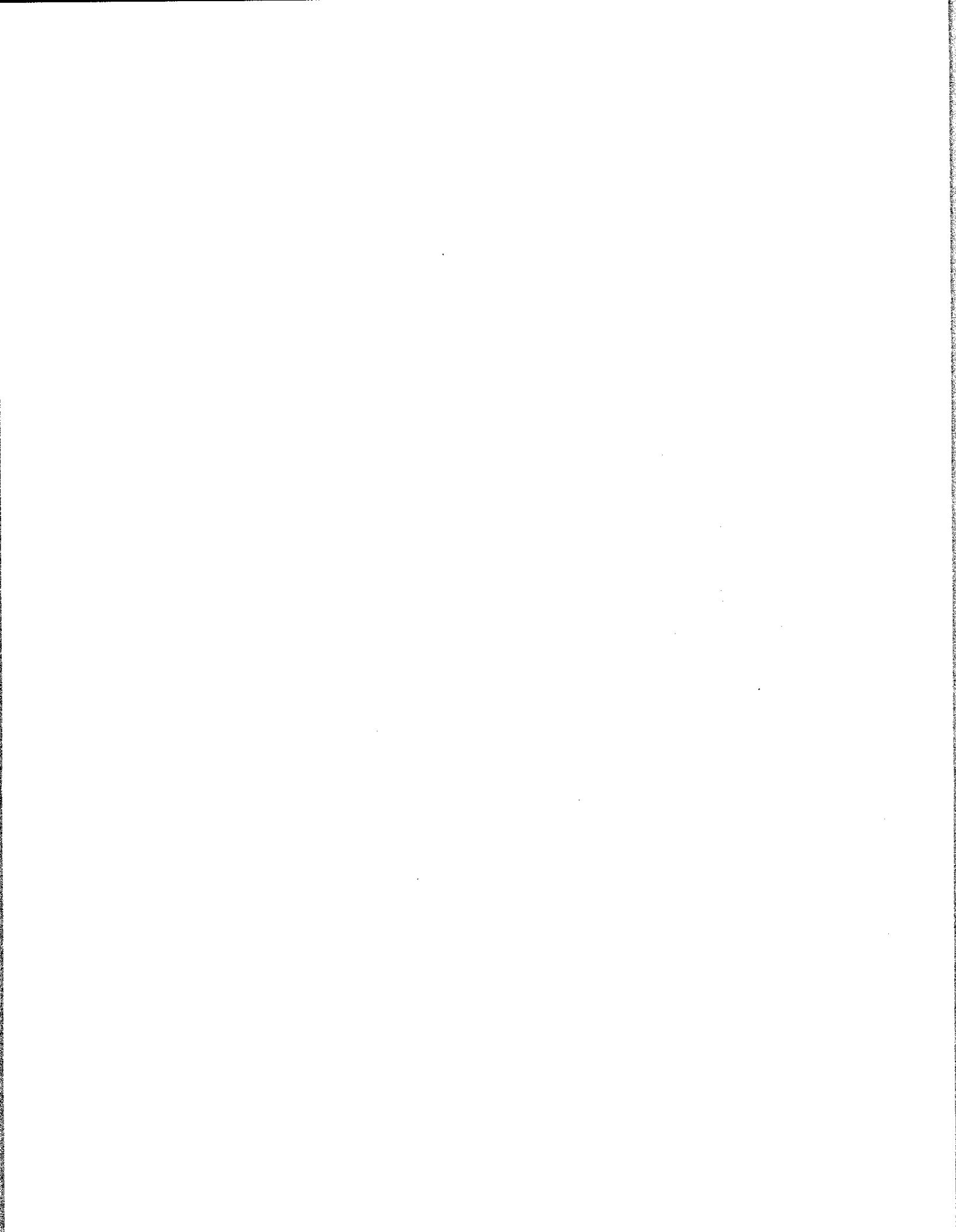
Lewis County, Washington Commissioner Districts



COMMISSIONER DISTRICTS

Lewis County, Washington





APPENDIX C

Emergency Bridge Inspection Priority Rating

MAINTENANCE AREA 1 BRIDGE NAME		BRIDGE #	PRIORITY EARTHQUAKE INSPECTIONS	CRITICAL SCOUR/FRACTURE
AIRPORT	MP 1.42	13	1	S
ALVORD	MP 0.32	72	2	
BIG HANAFORD	MP 9.50	14	2	
BIG HANAFORD	MP 0.67	43	2	
BIG HANAFORD	MP 1.13	47	2	
BIG HANAFORD	MP 2.11	48	2	
BIG HANAFORD	MP 6.68	49	2	S
BLANCHARD	MP 0.87	82	2	
CENTRALIA ALPHA	MP 10.03	44	2	
CENTRALIA ALPHA	MP 0.17	68	2	
COAL CREEK	MP 1.72	157	2	
COAL CREEK	MP 1.81	158	2	
GALVIN	MP 1.55	75	1	
GALVIN	MP 1.23	112	1	
GARRARD CREEK	MP 5.09	38	1	
GARRARD CREEK	MP 0.07	34	2	
GARRARD CREEK	MP 0.22	35	2	
GARRARD CREEK	MP 4.35	37	2	
GOODRICH	MP 0.50	19	2	
HARRISON AVE	MP 2.54	32	2	
HWY 603	MP 0.14	229	2	
HYPPA	MP 0.01	80	2	
INDEPENDENCE	MP 0.33	39	2	
INDEPENDENCE	MP 3.42	42	2	
JACKSON HWY	MP 4.49	20	2	
JACKSON HWY	MP 4.56	135	2	S
JACKSON HWY	MP 4.62	136	2	S
JACKSON HWY	MP 4.67	137	2	S
JACKSON HWY	MP 1.96	133	2	S
JYLHA	MP 0.01	41	2	
LINCOLN CREEK	MP 1.02	22	1	
LINCOLN CREEK	MP 8.57	28	2	
LINCOLN CREEK	MP 9.83	29	2	
LINCOLN CREEK	MP 11.91	31	1	S
LITTLE HANAFORD	MP 5.35	53	2	S
LITTLE HANAFORD	MP 5.08	86	2	
LOGAN HILL	MP 1.10	74	2	
LOGAN HILL	MP 0.10	134	2	S
LUCAS CREEK	MP 5.17	71	2	
NELSON	MP 0.16	40	1	S
NORTH FORK	MP 0.35	66	2	
NORTH FORK	MP 0.70	90	2	
NORTH FORK	MP 6.11	91	2	
NORTH FORK	MP 7.19	94	1	
NORTH FORK	MP 4.83	95	2	
PATTEE	MP 0.82	73	2	
PIGEON SPRINGS	MP 1.95	84	2	
PROFFITT	MP 0.05	62	2	
REYNOLDS AVE	MP 0.52	64	2	
SALZER VALLEY	MP 3.27	57	2	
SCHEUBER	MP 3.45	171	2	
SENN	MP 0.89	77	2	

MAINTENANCE AREA 1 BRIDGE NAME		BRIDGE #	PRIORITY EARTHQUAKE INSPECTIONS	CRITICAL SCOUR/FRACTURE
TAYLOR	MP	0.45	159	2
TEAGUE	MP	0.08	24	2
TEAGUE	MP	0.57	26	2
TEITZEL	MP	0.79	50	2
(Bold Type) Priority Inspection of a seismic or major flood event.				

MAINTENANCE AREA 2 BRIDGE NAME		BRIDGE #	PRIORITY EARTHQUAKE INSPECTIONS	CRITICAL SCOUR/ FRACTURE
BEAM	MP 0.39	141	2	
BEAVER CREEK	MP 0.02	45	2	
BOISTFORT	MP 1.09	25	1	
BOISTFORT	MP 4.59	89	2	
BROWN	MP 0.34	165	2	
BROWN	MP 0.11	166	2	
BUNKER	MP 0.26	122	2	
BUNKER	MP 0.71	123	2	S
BUNKER CREEK	MP 3.46	118	2	
BUNKER CREEK	MP 3.50	119	2	
BURRI	MP 0.13	131	2	
CERES HILL	MP 0.79	102	2	
CERES HILL	MP 7.18	129	2	
CHANDLER	MP 1.37	18	2	
CHANDLER	MP 0.06	55	1	
CHILVERS	MP 1.55	92	2	
COOK	MP 0.07	148	2	
CURTIS HILL	MP 3.28	130	2	
DEEP CREEK	MP 3.93	51	2	
DEEP CREEK	MP 3.18	103	2	
DEEP CREEK	MP 3.44	106	2	
ELK CREEK	MP 2.84	4	2	
ELK CREEK	MP 0.85	52	1	
ELK CREEK	MP 0.18	56	1	
ELK CREEK	MP 1.56	138	2	
ELK CREEK	MP 2.96	139	2	
HOPE CREEK	MP 0.94	124	1	
INGALLS	MP 2.11	30	1	
INGALLS	MP 0.22	121	2	
JEFFRIES	MP 0.85	227	2	S
JONES	MP 0.06	108	2	
KATULA	MP 0.05	140	2	
KING	MP 12.35	147	2	
LECH	MP 0.24	142	2	
LOST VALLEY	MP 0.29	6	2	
LOST VALLEY	MP 0.83	146	2	
PE ELL MCDONALD	MP 6.35	143	2	
PE ELL MCDONALD	MP 8.68	63	1	
PE ELL MCDONALD	MP 7.31	144	2	
PLEASANT VALLEY	MP 5.45	164	2	
ROCK CREEK	MP 0.03	114	2	
ROUNDTREE	MP 0.29	145	2	
STEARNS HILL	MP 0.08	120	2	
TWIN OAKS	MP 1.37	11	2	
TWIN OAKS	MP 0.32	126	1	
WILDWOOD	MP 10.14	3	2	
WILDWOOD	MP 5.19	10	1	
WILDWOOD	MP 4.81	15	1	
STOWE CRK-KELSO ST		P 1	2	
3RD ST BRIDGE		P 2	2	

(Bold Type) Priority Inspection of a seismic or major flood event.

MAINTENANCE AREA 3 BRIDGE NAME		BRIDGE #	PRIORITY EARTHQUAKE INSPECTIONS	CRITICAL SCOUR/ FRACTURE
ANDERSON	MP	0.05	76	2
ANNONEN	MP	0.14	54	2
ANTRIM	MP	0.57	156	2
BERRY	MP	1.91	163	2
BISHOP	MP	1.54	65	2
BRIM CREEK	MP	0.23	16	2
COMA	MP	1.89	150	2
CONRAD	MP	1.98	151	2
FERRIER	MP	3.49	93	1
HAYWIRE	MP	2.40	59	1
HAYWIRE	MP	2.55	60	1
HAYWIRE	MP	2.80	167	2
HENDRICKSON	MP	0.03	99	1
HINNING	MP	0.23	8	2
HOLCOMB	MP	0.81	2	1
HWY 603	MP	13.38	228	2
KING	MP	1.59	149	2
KIRKLAND	MP	0.31	17	1
KOLLOCK	MP	0.19	113	2
LABREE	MP	1.18	78	2
MASCHKE	MP	0.03	9	1
MINKLER	MP	0.04	154	2
NEWAUKUM VALLEY	MP	2.38	7	2
NORTH MILITARY	MP	4.54	155	2
PLEASANT VALLEY	MP	2.46	161	2
PLEASANT VALLEY	MP	2.91	162	2
RUSH	MP	1.84	79	1
SARGENT	MP	1.33	172	2
SHOREY	MP	0.48	69	1
SHOREY	MP	1.04	128	2
TELEGRAPH	MP	0.77	152	2
TELEGRAPH	MP	0.55	153	2
WILDWOOD	MP	0.05	5	2
WINLOCK VADER	MP	0.26	100	1
FIR ST. / OLEQUA			W-1	1
WALNUT ST. / OLEQUA			W-2	1
TENN. ROAD/@ CTY LIMITS			W-7	2

(Bold Type) Priority inspection of a seismic or major flood event.

MAINTENANCE AREA 5 BRIDGE NAME		BRIDGE #	PRIORITY EARTHQUAKE INSPECTIONS	CRITICAL SCOUR/ FRACTURE
DAVISON	MP 0.01	1	1	F
CEDAR CREEK	MP 1.87	176	2	
CINEBAR	MP 1.33	204	2	
COLLINS	MP 0.48	180	2	
COUGHLIN	MP 0.05	36	1	F
DREWS PRAIRIE	MP 1.21	61	2	
FRASE	MP 0.22	200	2	S
GISH	MP 0.03	97	2	
GUERRIER	MP 0.01	98	2	
HADALLER	MP 0.42	23	2	
HENRIOT	MP 0.48	160	2	
HOWE	MP 2.60	21	2	
ISBELL	MP 0.17	208	2	S
JACKSON HWY	MP 12.36	187	2	
JACKSON HWY	MP 12.40	189	2	S
JACKSON HWY	MP 12.12	191	2	S
JACKSON HWY	MP 14.00	192	2	
JACKSON HWY SOUTH	MP 1.01	105	2	
JORGENSEN	MP 1.82	85	2	S
JORGENSEN	MP 0.45	96	2	
KRUGER	MP 0.69	81	1	
LEONARD	MP 0.32	70	2	
LEONARD	MP 2.52	199	2	S
MAGNUS	MP 0.10	173	2	
MANDY	MP 2.02	196	1	S
MIDDLE FORK	MP 0.41	58	2	
NICHOLSON	MP 0.45	178	2	
OYLER	MP 3.24	201	2	
PANISCO	MP 0.34	203	2	S
SALMON CREEK	MP 0.19	210	2	S
SCHMIT	MP 1.73	188	1	
SPENCER	MP 5.38	197	2	S
STOWELL	MP 1.42	183	2	
STOWELL	MP 0.57	221	2	S
TAUSCHER	MP 1.99	27	1	S
TAUSCHER	MP 2.64	101	2	
TOLEDO-SALMON CREEK	MP 2.74	67	2	
TOLEDO-SALMON CREEK	MP 3.33	190	2	F
TOOLEY	MP 0.84	104	1	
TOWNSEND	MP 0.22	223	2	S
TUCKER	MP 0.01	198	2	
VAN HOESEN	MP 0.43	202	2	S
WALKER	MP 0.68	194	2	S
WILSON	MP 0.23	209	2	S

(Bold Type) Priority inspection of a seismic or major flood event.

MAINTENANCE AREA 7 BRIDGE NAME		BRIDGE #	PRIORITY EARTHQUAKE INSPECTIONS	CRITICAL SCOUR/ FRACTURE
ANDERSON	MP 0.56	211	2	S
BAKER	MP 0.58	185	1	S
BAKER	MP 0.70	186	1	S
CANNON	MP 2.01	107	2	
CARR	MP 2.74	110	2	
CISPUS	MP 2.07	214	2	S
CLINE	MP 7.86	215	2	
CRAIG	MP 0.48	116	2	
FALLS	MP 3.12	33	1	
KIONA	MP 0.35	224	1	S
MEADE HILL	MP 0.61	212	2	S
MINERAL CREEK	MP 1.47	109	1	
MINERAL CREEK	MP 0.44	207	2	S
OSBORN	MP 0.27	115	2	
PETERS	MP 0.25	216	2	
PETERS	MP 0.62	217	2	
PETERS	MP 0.72	218	2	
PETERS	MP 1.13	219	1	
PETERS CREEK	MP 0.09	182	2	
PIERCE CO./LEWIS CO.		51 A	2	
PLEASANT VALLEY-EAST	MP 0.29	46	2	
RIFFE	MP 0.14	225	2	
ROUNDTOP	MP 0.07	206	2	
SILVERBROOK	MP 2.61	111	2	
SILVERBROOK	MP 5.34	175	2	
SILVERBROOK	MP 4.07	177	2	
SKATE CREEK	MP 0.53	12	1	SF
SKATE CREEK S	MP 0.45	193	2	
STOVER	MP 0.03	174	2	
TEMPLE	MP 0.35	220	2	
THOMPSON	MP 0.55	117	1	F

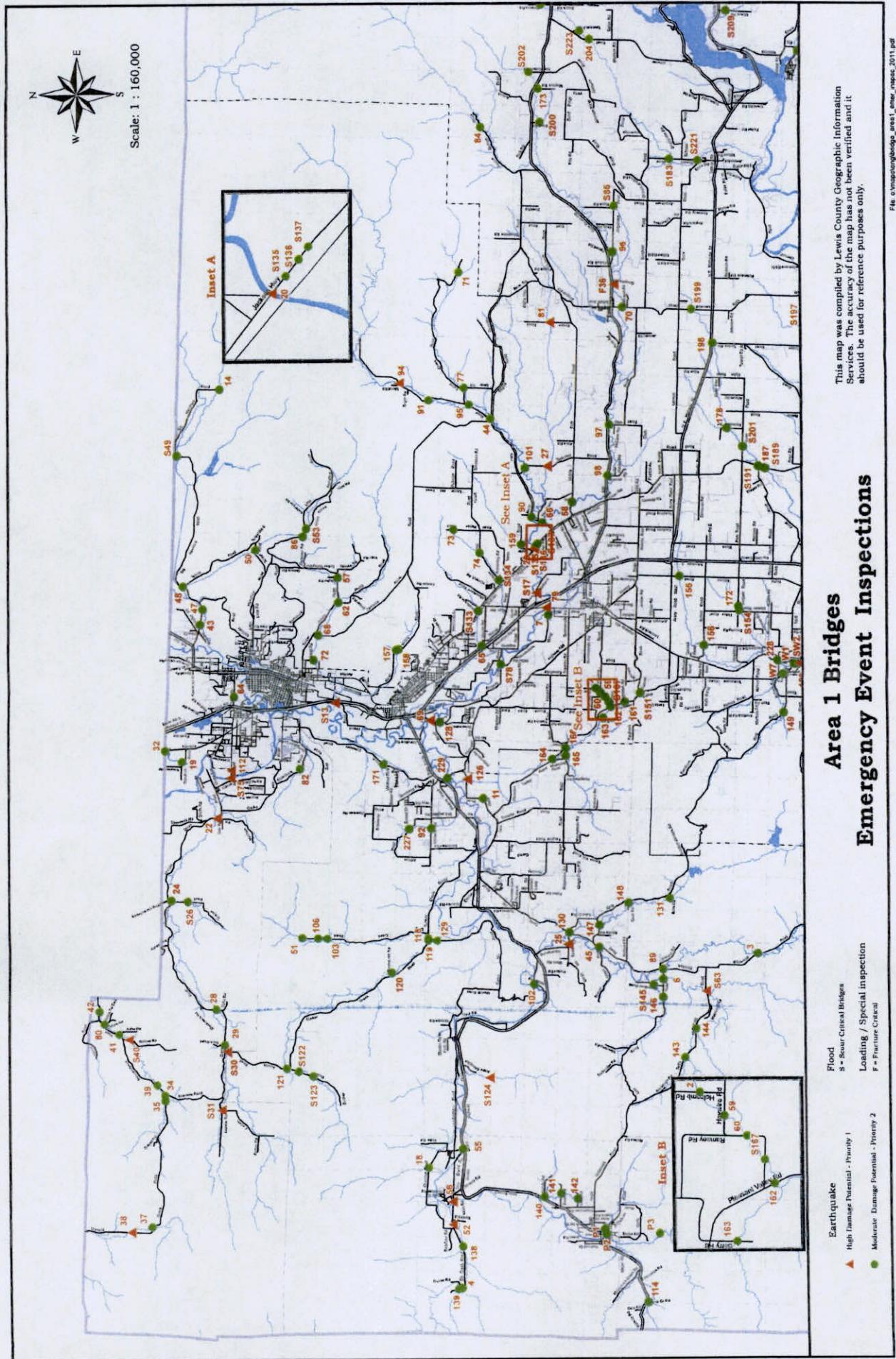
(Bold Type) Priority inspection of a seismic or major flood event.

APPENDIX D

Emergency Bridge Inspection and Liquefaction Susceptibility Maps



Scale: 1 : 160,000



Area 1 Bridges
Emergency Event Inspections

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.

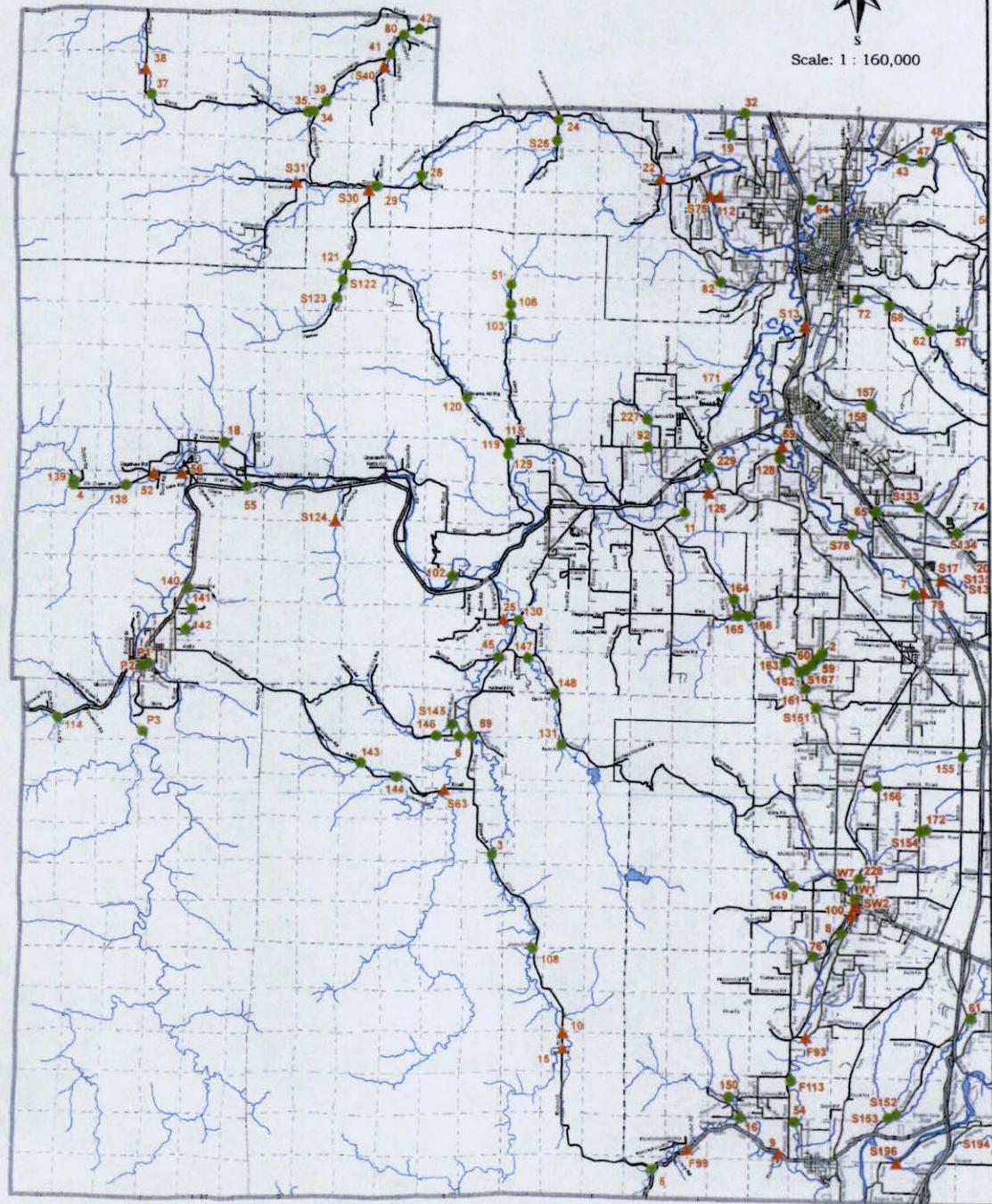
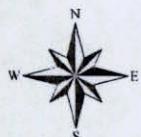
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Loading / Special inspection

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Earthquake

- ▲ High Damage Potential - Priority 1
- Moderate Damage Potential - Priority 2

Flood

S = Scour Critical Bridges

Loading / Special inspection

F = Fracture Critical

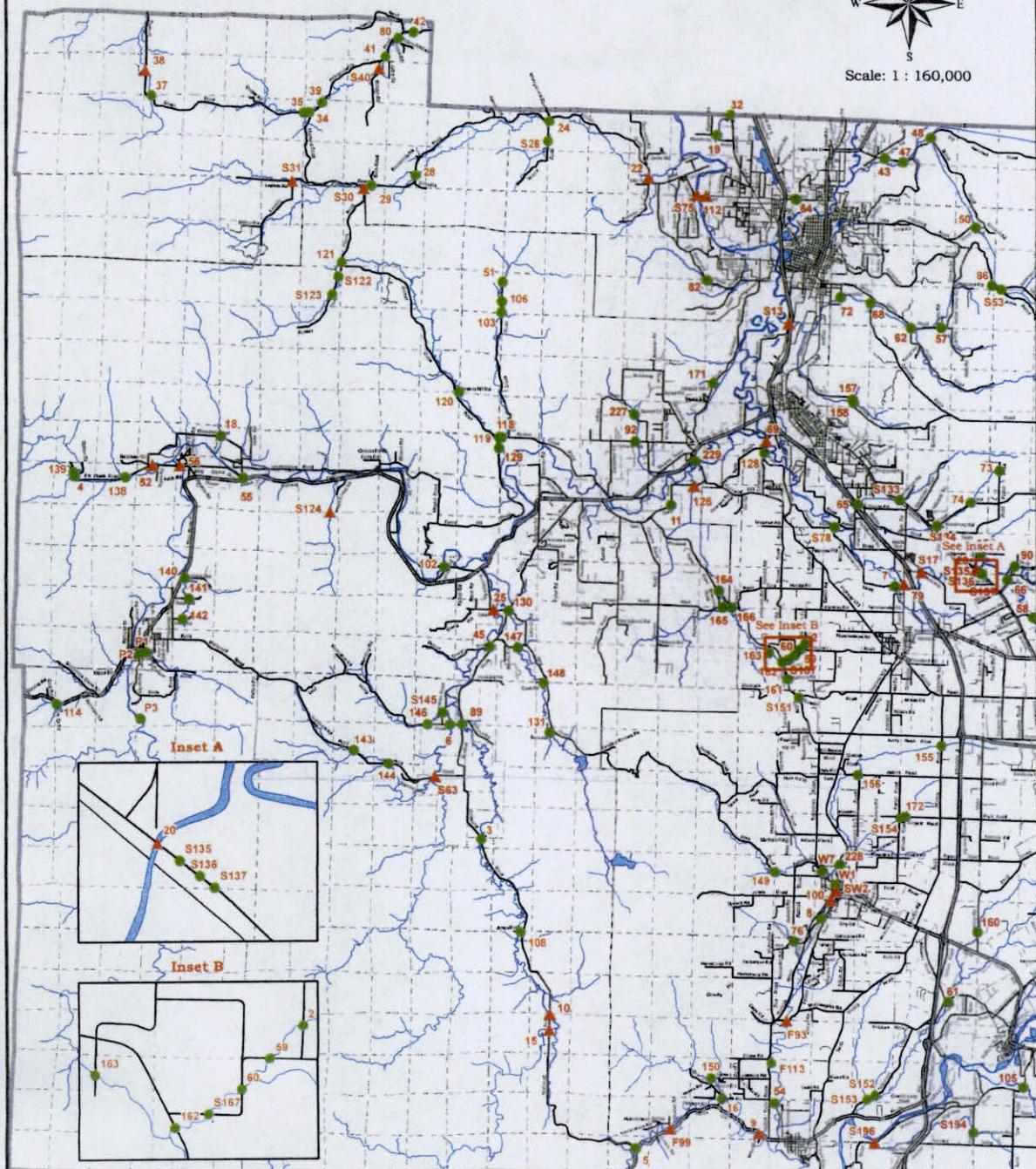
Area 2 Bridges

Emergency Event Inspections

This map was compiled by Lewis County Geographic Information Services.
The accuracy of the map has not been verified and it should be used for reference purposes only.



Scale: 1 : 160,000



Earthquake

- ▲ High Damage Potential - Priority 1
- Moderate Damage Potential - Priority 2

Flood

S = Scour Critical Bridges

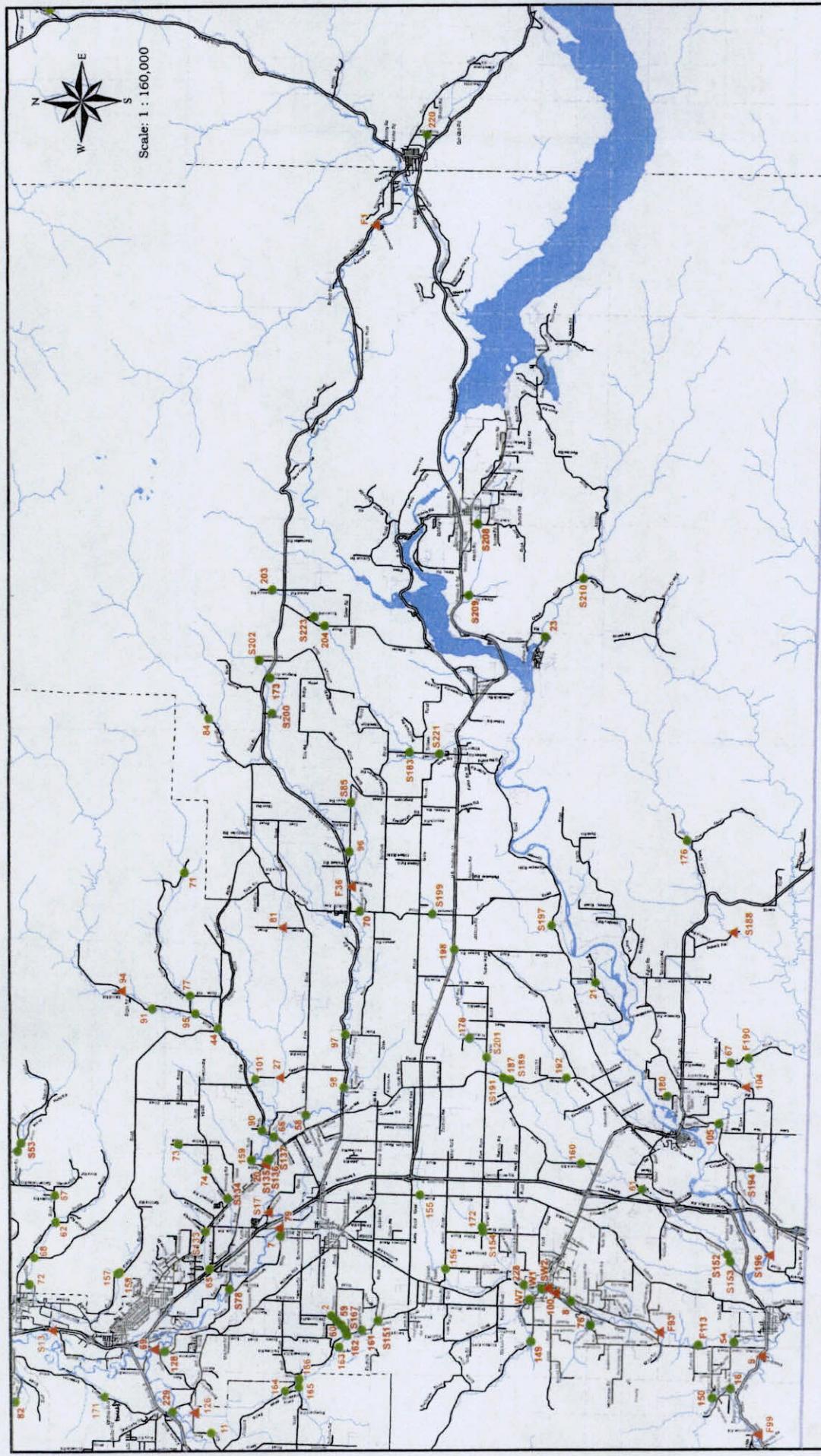
Loading / Special inspection

F = Fracture Critical

Area 3 Bridges

Emergency Event Inspections

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.

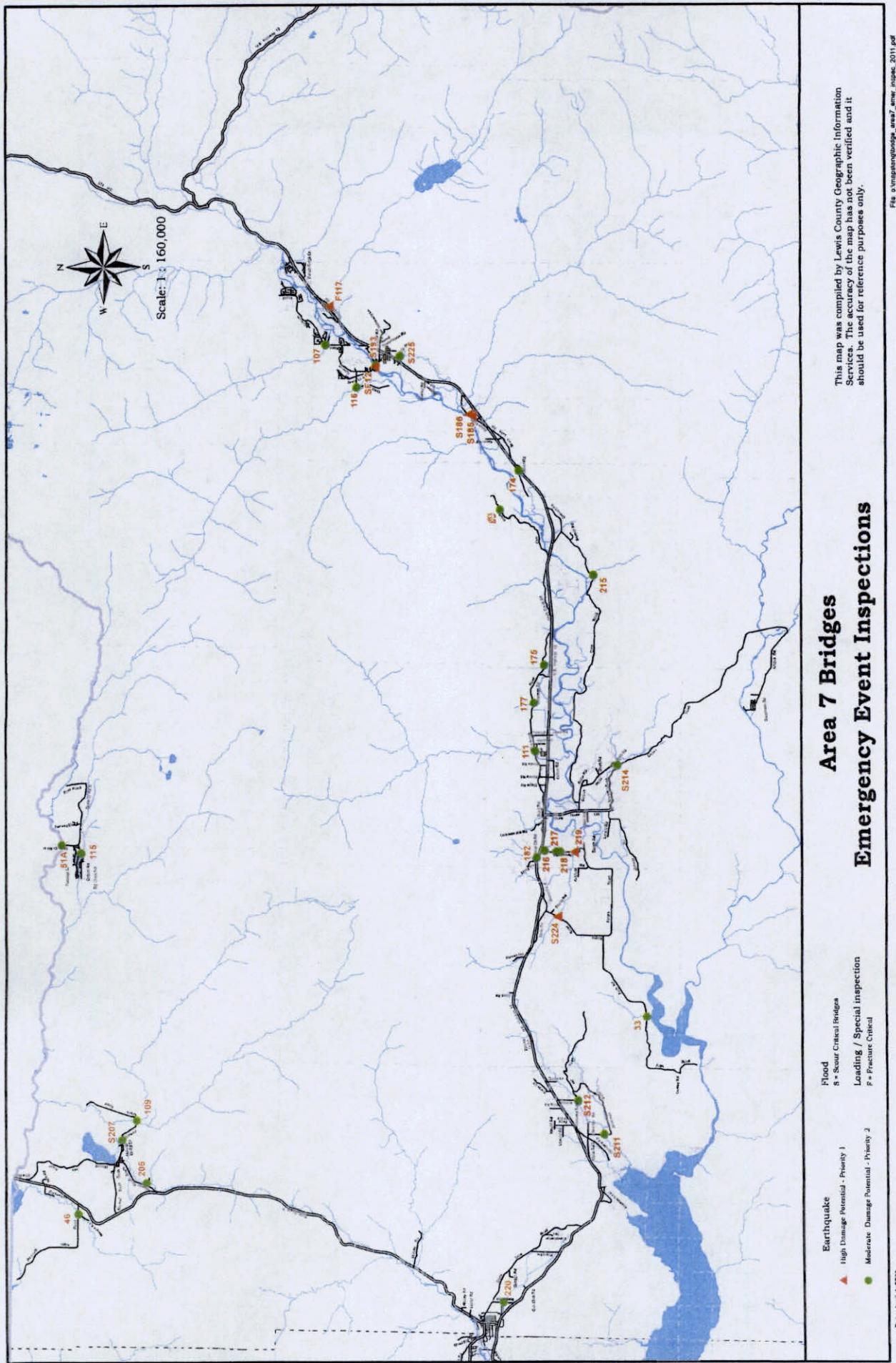


Area 5 Bridges
Emergency Event Inspections

This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.

Flood	Severe Critical Bridges
Earthquake	Fracture Critical
High Damage Potential - Priority 1	Loading / Special inspection
Moderate Damage Potential - Priority 2	

Draft 1 Oct 4 2011



This map was compiled by Lewis County Geographic Information Services. The accuracy of the map has not been verified and it should be used for reference purposes only.

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Area 7 Bridges
Emergency Event Inspections

Flood
 $S = \text{Scour Critical}$
 Loading /
 $F = \text{Fracture Critical}$

2

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- P1

Polar

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Dam

200

Ergonomics

11

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Lewis County
Department of Public Works
Engineering Division

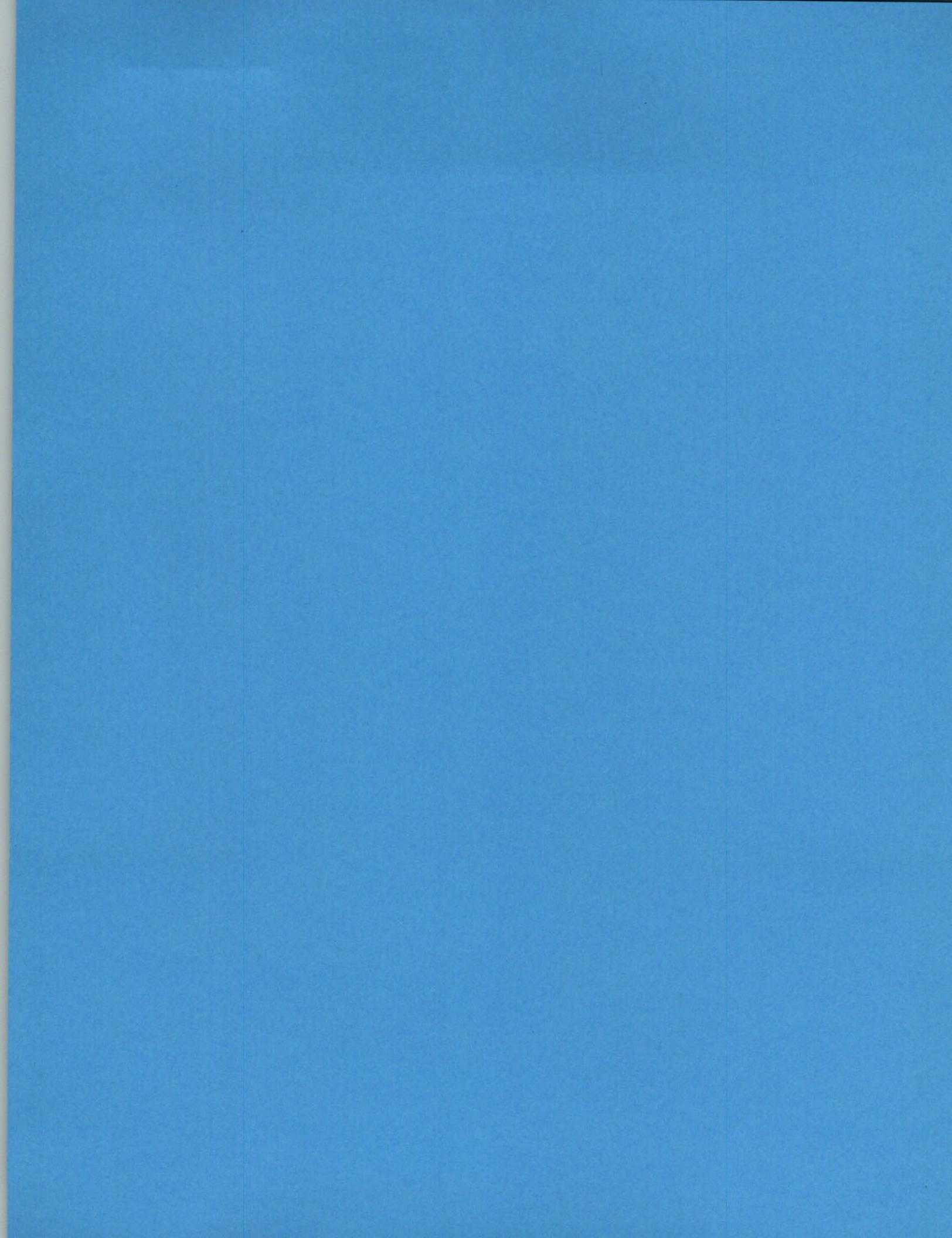
5-YEAR ROAD EQUIPMENT PURCHASES

Six Year
Transportation
Improvement
Program
2016 - 2021

P/W**(5-Year Replacement Projection)**

	#	2016	#	2017	#	2018	#	2019	#	2020
Engineering										
Sedans										
4x2 Pick-up										
4x4 Pick-up			1	30,000					1	32,000
SUV										
Crew Cab										
PW Roads										
4x4 Pick-up	2	64,000	1	32,000			2	64,000		
4x2 Pick-up	1	30,000	2	60,000			2	60,000	2	60,000
1-Ton Flatbed										
2-Yd Dump						1	80,000			
Trk-Mtd Sign Board										
Weed Sprayer										
Traffic Control										
4x4 Pick-up	1	32,000			1	32,000			1	32,000
4x2 Pick-up					1	30,000			1	30,000
Total Motor Pool	4	\$126,000	4	\$122,000	3	\$142,000	4	\$124,000	5	154,000

P/W ROADS EQUIP.	#	2016	#	2017	#	2018	#	2019	#	2020
2-Yd Dump (5-32)										
5-Yd Dump										
12-Yd Dump / Pups										
Aerial Manlift										
Air Compressor										
Aqua Jet Truck										
Backhoes										
Breaker (Excav mtd)										
Brush Chipper										
Chip Spreader										
Conveyor (HTC)										
Coring Drill										
Crack Router										
Crack Sealer App										
De-Icer										
Excavator										
Flat-Bed Trk										
Forklift										
Fuel System										
Grader										
Guard Rail Truck										
Highway Sweeper	1	55,000		1	40,000	2	110,000			
Hydro Seeder										
Loader										
Lowboy Tractor										
Lowboy Trailer										
Oil Distributor										
Paint Striper										
Patch King										
Portable Msg. Sign										
Portable Lt. Towers										
Portable Signal Station										
Sanders										
Snow Plow										
Stump Grinder										
Tractor Brush Cutter										
Tractor Mower										
Vacuum Sweeper										
Vibratory Roller	1	190,000								
Water tanks (slip-in)										
Water Truck	1	26,000	1	25,000						
Welder/Hoist										
Total C-Shop	4	\$401,000	5	\$525,000	4	\$510,000	1	\$550,000	3	\$720,000
Annual Total	8	\$527,000	9	\$647,000	7	\$652,000	5	\$674,000	8	\$874,000



Executive Summary

BOCC Meeting Date:

2015-11-16

Contact:

Tim Elsea

Department:

Public Works

Wording

Adoption of the 2016-2021 Six-Year Transportation Improvement Program (TIP) and 2016 Annual Construction Program (ACP)

Description

Pursuant to RCW 36.81.121, all counties are required to prepare, adopt, and submit a Six-Year TIP for proposed road and bridge construction prior to the County's budget adoption each year, and after a hearing thereon. Copies of this program will be furnished to the Washington State Department of Transportation (WSDOT), County Road Administration Board (CRAB), and the Transportation Improvement Board (TIB) not more than thirty days after its adoption by the legislative authority.

Pursuant to WAC 136-16, all counties are required to prepare, adopt, and submit an ACP for proposed road and bridge construction prior to the County's budget adoption each year. A copy of the adopted annual program and appropriate resolution shall be forwarded to CRAB within thirty days of its adoption but not later than December 31st of each year.

A public hearing was held providing an opportunity for any person to appear and be heard, either for or against the adoption of the proposed programs. The public hearing was held November 16, 2015 pursuant to notice published in East County Journal on November 4th and 11th, 2015.

Recommendation

Approve resolution for adoption of the 2016-2021 Six-Year TIP and 2016 ACP.

Other

Resolution Type: Resolution**EDCC Meeting Date:** Nov 16, 2015**Signatory City Manager:** Amanda Merritt**Agenda Type:** Hearing**Adoption of the 2016-2021 Six Year Transportation Improvement Program (TIP) and 2016 Annual Construction Program (ACP)****Brief Reason for EDCC Action:**

This resolution is to approve adoption of the 2016-2021 Six Year Transportation Improvement Program (TIP) and 2016 Annual Construction Program (ACP).

Submitted By: Kroll, Mike**Phone:** 204-7**RECEIVED****Date Submitted:** Nov 02, 2015**NOV 05 2015****Contact Person Who Will Attend EDCC Meeting:** Tim Elsea**Action Required:** - Approve Resolution**LEWIS CO. PROS. ATTY.****Publication Requirements:****Hearing Date:****Publications:****Publication Dates:****Approvals:**

User	Group	Status
Elsea, Tim		Pending
	Budget	Pending
	EDCC	Pending
Yan	Prosecutor	Pending ✓

Additional Copies:

Tim Elsea - PW
Kara Amstutz - PW
Steve Walton - PW

AFFIDAVIT OF PUBLICATION

STATE OF WASHINGTON }
COUNTY OF LEWIS } SS

The undersigned, on oath state that he/she is an authorized representative of The East County Journal, a weekly newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six month prior to the date of publication hereinafter referred to, published in the English language continuously as a weekly newspaper in Morton, Lewis County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper.

The notice in the exact form annexed, was published in regular issues of The East County Journal which was regularly distributed to its subscribers during the below stated period.

The annexed notice, a

Lewis County proposes to adopt the six
year transportation Improvement Program and
the Annual Construction Program for 2016
was published on _____

Nov. 4 + 11, 2015

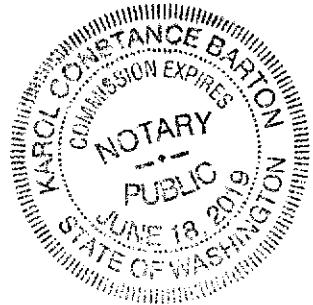
The amount of the fee charged for the foregoing publication is the sum

of \$ 44.80

Renee C. Justice

Subscribed and sworn to before me this 11th day of November 2015

Karen Constance Barton
Notary Public in and for the
State of Washington
Residing in Centralia, Washington



NOTICE OF HEARING
NOTICE IS HEREBY GIVEN
that the Board of County Commissioners, Lewis County, Washington, proposes to adopt the Comprehensive Road and Bridge Construction Program for the six calendar years 2016 through 2021, known as the Six Year Transportation Improvement Program and the Annual Construction Program for 2016, on Monday, November 16, 2015, on or after 10:00 a.m. at the Lewis County Courthouse, County Commissioners Hearing Room, 351 NW North Street, Chehalis, Washington, at which time and place any person may appear to be heard, either for or against the adoption of the proposed plan. A draft plan will be available by requesting a copy from Lewis County Public Works at (360) 740-1123 or at our website at <http://lewiscountywa.gov/>.

DATED November 2, 2015
Clerk of the Board of County Commissioners
Published in The East County Journal November 4, November 11, 2015